# MUHAMMAD NOVAL NUR AULIYA



**System Analyst | Web Developer | Project and Product Manager**

I am a web developer with a Bachelor's degree in Computer Engineering and have been working in the IT field since 2018, specializing in system development and project management. Throughout my career, I have taken on various roles including Programmer, System Analyst, Quality Assurance, Project Manager, and Product Manager. I am proficient in several programming languages such as JavaScript, PHP, and Python, and familiar with popular frameworks and libraries including Laravel, CodeIgniter, jQuery, Node.js, React.js, and many others. I am experienced in various development methodologies such as Scrum, Agile, Extreme Programming, and Waterfall, and adept at using project management tools like Trello, Jira, and Asana.

**https://auliya.id**

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## TECHNICAL SKILLS

- PHP, HTML, CSS
- JavaScript, Jquery
- Node JS, React JS
- Vue JS, Angular JS
- Phyton
- Laravel, CodeIgniter
- LiveWire
- MVC, OOP, Moodle
- PostgreSQL, Sqlite
- MySQL, Maria DB
- Bootstrap, UIKIT, Materialize, Tailwind
- Java, Kotlin, Ionic
- Flutter, React Native
- ASP .Net
- Express JS, Golang
- Microsoft Office, GDocs
- Scrum, Agile, Waterfall, Programming Extream
- Trello, Jira, Asana, Slack
- API, Postman, Swagger
- GIT, GITHUB, GITLAB
- Draw IO, Diagram Net
- Google Cloud Platform
- BRD, FSD, SRS
- PlantUML, Visio, LucidChart, Figma
- Miro, Whimsical, Notion
- Navicat, Selenium

## EDUCATION

**BACHELOR OF INFORMATION TECHNOLOGY**
**2019 - 2023**
**PAMULANG UNIVERSITY**
Final GPA 3.44 / 4.00

**SOFTWARE ENGINEERING**
**2015 - 2018**
**DLANGGU 1 STATE VOCATIONAL HIGH SCHOOL**
Final Score UN 3.24

## WORK EXPERIENCE

System Analyst and Web Developer
October 2024 – October 2025

**MINISTRY OF BASIC AND SECONDARY EDUCATION (INDONESIAN TALENT DEVELOPMENT CENTER)**

- Analyze system requirements and design application architecture and databases.
- Develop and maintain web applications on both frontend and backend sides.
- Perform system testing, debugging, and deployment to production servers.
- Coordinate with judges, management, development teams, and other stakeholders to ensure deliverables meet requirements.
- Manage 4 web applications through full implementation and provide user technical support.

System Analyst and Web Developer
April 2021 – December 2024

**MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY (NATIONAL ACHIEVEMENT CENTER)**

- Responsible for managing IT systems from competition information to judging processes, covering 14 types of competitions or systems.
- Analyze user requirements and design system workflows to ensure efficiency and scalability.
- Design databases, develop frontend and backend code, conduct feature testing, and delegate tasks to team members.
- Deploy applications and serve as a resource person in system socialization and training activities.
- Provide technical support to university operators, lecturers, and students regarding system issues.
- Handle user inquiries and reports responsively, serving a total of 35,204 participants.

*Last Update: October 2025*

## WORK EXPERIENCE

IT Analyst and Project Manager
April 2021 – December 2024

**PT JANISH LINTAS DATA, JAKARTA**

- Responsible for planning, executing, and ensuring the success of projects through close coordination with clients and internal teams.
- Monitor team performance, create project timelines, and ensure targets are achieved according to schedule.
- Conduct system requirements analysis, database design, and contribute to application development, testing, and deployment.
- Present project progress to management and clients, and provide reports on results, issues, and recommended follow-up actions.
- Successfully managed 52 web applications and provided technical support to users.

Product Manager
January 2020 – June 2021

**SCHOOLMEDIA, JAKARTA**

- Responsible for planning, success, and completion of products through intensive communication with teams and stakeholders.
- Monitor team performance, create product timelines, and conduct system requirements analysis and design.
- Actively involved in the development process, including testing and implementation of new features.
- Provide regular progress and final project reports to management and stakeholders.
- Lead the management of more than 20 web applications in the education sector.
- Provide user support and respond to system errors in a timely manner.

Full Stack Web Developer
June 2018 – December 2019

**SCHOOLMEDIA, JAKARTA**

- Initiated and developed the initial web project News Schoolmedia (schoolmedia.id)
- Conducted system analysis.
- Designed the database structure.
- Developed the backend for the CMS.
- Created several templates for the frontsite.
- Implemented an XML Newsfeed engine.
- Applied SEO optimization techniques.
- Performed feature testing.
- Deployed the application to the production server.

## INTERNSHIP EXPERIENCE

Frontend Developer
July – December 2016

**KODEKU.NET, MALANG**

- Slicing Web Sukujempol.com
- Slicing Landing Page Do It Now.com
- Slicing Web Some Page Love Pink Indonesia.org
- Slicing Backend Admin Butuh belanja.id
- User Acceptance Testing Web System Sukujempol.com
- User Acceptance Testing Android System Do It Now.com
- User Acceptance Testing Web System Love Pink Indonesia.org
- User Acceptance Testing Mobile Hybrid System Tot's Marketplace
- Create Mobile Apps with Ionic Framework and AngularJs for Thesis Internship

## PROFESSIONAL TRAINING

Lab Akselerasi
March – June 2016

**BOOTCAMP FULLSTACK DEVELOPER**

- Slicing Website Marketplace
- Editing Small Part of Design Website with Photoshop
- Designing Struktur Database Mysql
- Installing WooCommerce (Wordpress)
- Handle Scan Barcode Barang with Java Android Mobile
- Handle CRUD Search Laravel Some Project
- Handle CRUD PHP Native
- Improving Some other People's Projects
- Create Resume and Portfolio Website

**" Always do the best. What you plant now, you will harvest later."**

*Last Update: October 2025*

## PROJECT

**Student Skills Competition System (LKS) for Students with Disabilities** - Laravel, jQuery, PostgreSQL
**National Student Art and Literature Festival (FLS2N) for Students with Disabilities** - Laravel, jQuery, PostgreSQL
**National Student Sports Olympiad (O2SN) for Students with Disabilities** - Laravel, jQuery, PostgreSQL
**Diploma Legalization System** - Laravel, jQuery, PostgreSQL
**New Student Admission System (PPDB)** - Laravel, jQuery, PostgreSQL
**PPDB Center Portal - PT Janish Lintas Data** - Laravel, jQuery, PostgreSQL
**e-Sarpras PSMA** - PHP Native, jQuery, MySQL
**Ashfiya Wedding Management System** - Laravel, jQuery, PostgreSQL
**Attendance System - PT Sinar Surya Komindo** - Laravel, jQuery, PostgreSQL
**Mini Project** - Laravel, React.js, Node.js, PostgreSQL
**Company Profile Website - PT Janish Lintas Data** - Laravel, jQuery
**Higher Education Portal - National Achievement Center (Puspresnas)** - Laravel, jQuery, PostgreSQL
**Indonesian Robot Contest System (KRI)** - Laravel, jQuery, PostgreSQL
**Student Digital Innovation Competition System (LIDM)** - Laravel, jQuery, PostgreSQL
**Indonesian Building Construction Competition System (KBGI)** - Laravel, jQuery, PostgreSQL
**Indonesian Flying Robot Contest System (KRTI)** - Laravel, jQuery, PostgreSQL
**National Student Technology and Information Exhibition (GEMASTIK)** - Laravel, jQuery, PostgreSQL
**Energy-Efficient Car Contest System (KMHE)** - Laravel, jQuery, PostgreSQL
**Indonesian Ship Contest System (KKI)** - Laravel, jQuery, PostgreSQL
**National Student Business, Management, and Finance Competition (KBMK)** - Laravel, jQuery, PostgreSQL
**Indonesian Bridge Competition System (KJI)** - Laravel, jQuery, PostgreSQL
**National Student Sports Week (POMNAS)** - Laravel, jQuery, PostgreSQL
**Indonesian Student Film Festival (FFMI)** - Laravel, jQuery, PostgreSQL
**National Student Qur'an Recitation Competition (MTQMN)** - Laravel, jQuery, PostgreSQL
**National Student Choir Competition (PSMN)** - Laravel, jQuery, PostgreSQL
**Art Studio Website** - CodeIgniter, jQuery, PostgreSQL
**MAN Lamandau Library System** - CodeIgniter, jQuery, PostgreSQL
**Sign Language Information System for Mathematical Symbols (Bismath)** - Laravel, jQuery, PostgreSQL
**Employee Performance Target and Directory System (SKP)** - Laravel, jQuery, PostgreSQL
**Pitakon: School Task Q&A Forum** - Laravel, jQuery, PostgreSQL
**Schoolmedia Hosting Platform** - Laravel, jQuery, PostgreSQL
**Schoolmedia Internet Service Provider (ISP)** - Laravel, jQuery, PostgreSQL
**Schoolmedia Questionnaire System** - Lumen, React.js, PostgreSQL
**Schoolmedia Biz Platform** - Laravel, React.js, PostgreSQL
**Schoolmedia Edugame** - Laravel, jQuery
**Schoolmedia Event Platform** - Laravel, React.js, PostgreSQL
**Schoolmedia Social Media Platform** - Laravel, React.js, PostgreSQL
**Schoolmedia Help Desk System** - Laravel, jQuery, PostgreSQL
**Teaching Materials and Examination System (MAU)** - Laravel, React.js, PostgreSQL
**Schoolmedia User Management (UM)** - Node.js, React.js, Sequelize, Express.js, PostgreSQL
**School Content Management System (CMS)** - Laravel, jQuery, PostgreSQL
**Schoolmedia CMS Center** - Laravel, jQuery, PostgreSQL
**Schoolmedia Talent Test (STIFIn)** - Laravel, jQuery
**Schoolmedia Coin System** - Laravel, jQuery, PostgreSQL
**Schoolmedia Lesson Plan (RPP) System** - Laravel, jQuery, MySQL
**Schoolmedia Academic Journal (JA)** - Laravel, React.js, PostgreSQL
**Schoolmedia e-Book Platform** - Laravel, jQuery, PostgreSQL
**Schoolmedia Single Sign-On (SSO)** - Laravel, jQuery, PostgreSQL
**Schoolmedia Try Out System** - Laravel, jQuery, PostgreSQL
**Schoolmedia Learning Materials** - Laravel, jQuery, PostgreSQL
**Schoolmedia Offline Exam System (USBK)** - Laravel, jQuery, PostgreSQL
**Schoolmedia Online Test System** - Laravel, jQuery, PostgreSQL
**News Schoolmedia** - Laravel, jQuery, PostgreSQL
**National University Debating Championship (NUDC) & Indonesian Student Debate Competition (KDMI)** - Laravel, jQuery, PostgreSQL
**National Mathematics and Natural Sciences Competition (KNMIPA)** - Laravel, jQuery, PostgreSQL
**National Student Art Week (PEKSIMINAS)** - Laravel, jQuery, PostgreSQL
**Outstanding Student Selection System (PILMAPRES)** - Laravel, jQuery, PostgreSQL
**Medical Record Biostatistics System** - Laravel, jQuery, PostgreSQL

**VIEW PROJECT DETAILS: https://auliya.id/portofolio**

*Last Update: October 2025*

## CERTIFICATION

National Professional Certification Agency (BNSP)
April 2025 – April 2028

**PROGRAMMING**

- 1 J.620100.009.01 Apply Program Specifications
- 2 J.620100.016.01 Write Code Following Guidelines and Best Practices
- 3 J.620100.017.02 Implement Structured Programming
- 4 J.620100.018.02 Implement Object-Oriented Programming
- 5 J.620100.019.02 Utilize Pre-Existing Libraries or Components
- 6 J.620100.021.02 Apply Database Access Techniques
- 7 J.620100.023.02 Create Program Code Documentation
- 8 J.620100.025.02 Perform Debugging
- 9 J.620100.033.02 Conduct Unit Testing

National Achievement Center (Puspresnas)

**IT TEAM & APPLICATION DEVELOPMENT TEAM**

- National Festival of Student Art and Literature Competition (FLS2N) – Special Education Level, 2025
- Lom National Student Competency Competition (LKS) – Special Education Level, 2025
- National Student Sports Olympiad (O2SN) – Special Education Level, 2025

Professional Certification Institute of Pamulang University
April 2023 – April 2025

**PEMROGRAMMAN**

- 1 J.620100.009.01 Apply Program Specifications
- 2 J.620100.016.01 Write Code Following Guidelines and Best Practices
- 3 J.620100.017.02 Implement Structured Programming
- 4 J.620100.018.02 Implement Object-Oriented Programming
- 5 J.620100.019.02 Utilize Pre-Existing Libraries or Components
- 6 J.620100.021.02 Apply Database Access Techniques
- 7 J.620100.023.02 Create Program Code Documentation
- 8 J.620100.025.02 Perform Debugging
- 9 J.620100.033.02 Conduct Unit Testing

Indonesian Talent Development Center (BPTI)

**IT TEAM & APPLICATION DEVELOPMENT TEAM**

- National Student Technology and Information Exhibition (GEMASTIK) 2024
- Indonesian Building Construction Competition (KBGI) 2024
- National Student Business, Management, and Finance Competition (KBMK) 2024
- Indonesian Bridge Competition (KJI) 2024
- Indonesian Ship Contest (KKI) 2024
- National Energy-Efficient Car Contest (KMHE) 2024
- Indonesian Robot Contest (KRI) 2024
- Indonesian Flying Robot Contest (KRTI) 2024
- National Student Digital Innovation Competition (LIDM) 2024

National Professional Certification Agency (BNSP)
January 2018 – January 2021

**COMPUTER PROGRAMMING ACTIVITIES**

- 1 J.620100.009.01 Apply Program Specifications
- 2 J.620100.016.01 Write Code Following Guidelines and Best Practices
- 3 J.620100.017.02 Implement Structured Programming
- 4 J.620100.018.02 Implement Object-Oriented Programming
- 5 J.620100.019.02 Utilize Pre-Existing Libraries or Components
- 6 J.620100.021.02 Apply Database Access Techniques
- 7 J.620100.023.02 Create Program Code Documentation
- 8 J.620100.025.02 Perform Debugging
- 9 J.620100.033.02 Conduct Unit Testing

**VIEW CERTIFICATE DETAILS: https://auliya.id/sertifikat**

## INTERESTS & SKILLS

- Adaptability
- Communication
- Critical Thinking
- Work Ethic
- Flexibility
- Flowchart Design
- Big Data
- Timeline
- Task Assignment
- Team Collaboration
- Learning New Technologies
- Creativity
- Project Management
- Presentation Skills
- Problem Solving

## LANGUAGE

- INDONESIA (ACTIVE)
- ENGLISH (PASSIVE)