JOEL L. LAGGUI JR.

Full-Stack Developer (Web & Mobile) | Data Analyst

⊙ Isabela   @ jlaggui47@gmail.com   ☎ +63 915 368 3496   ⟨⟩ [Portfolio](#)   ⟨⟩ [Github](#)

PROFESSIONAL SUMMARY

Passionate and versatile Full-Stack Developer and Data Analyst with expertise in modern web technologies, mobile development, and data science. Proven track record in building scalable applications, creating insightful data visualizations, and delivering innovative digital solutions. Recently certified in Innovation & Transformation and Algorithm & Program Design, demonstrating commitment to continuous learning and technical excellence.

WORK

Freelance Full-Stack Developer & Data Analyst   Feb 2025 - Present

- Develop custom web applications and mobile solutions for diverse clients
- Create data visualization dashboards and perform statistical analysis
- Collaborate with clients to understand requirements and deliver tailored solutions
- Maintain and optimize existing applications for improved performance

Independent Software Developer   Jul 2025 - Present

- Design and implement end-to-end software solutions
- Conduct data analysis projects for business intelligence
- Build responsive web applications using modern frameworks
- Manage project timelines and client communications

EDUCATION / ACHIVEMENTS

Bachelor of Science in Computer Science   Aug 2023 - Present
Isabela State University - Cabagan Campus

- Champion 1st Place – Line Follower Robotics Competition, IScene ROBOFUSION 2025 May 21, 2025 Led a team to design and program a line-following autonomous robot using C++ Arduino and sensor-based logic.

- Champion 1st Place – Data Analytics Challenge, ICT Roadshow 2025 April 30, 2025 Analyzed large datasets and presented data-driven solutions using Python, Excel, and Power BI; recognized for accuracy, insight, and presentation clarity.

CERTIFICATIONS

Certified Associate Webmaster   Oct 2024

SPUP Innovation & Transformation Certificate   Mar 2025
Advanced methodologies in innovation management and digital transformation

Huawei Algorithm & Program Design Certificate   Feb 2025

SKILLS

Frontend Development
Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks: React.js, Next.js, Vue.js UI
Libraries: Chakra UI, Material-UI, Tailwind CSS

Backend Development Languages
Languages: Node.js, Python, PHP
Frameworks: Express.js, FastAPI, Django
Databases: MongoDB, PostgreSQL, MySQL, Firebase
APIs: RESTful APIs, GraphQL

Data Analysis & Visualization
Languages Languages: Python (Pandas, NumPy), R, SQL-
Tools: Power BI, Tableau, Excel (Advanced)-
Machine Learning: Scikit-learn, TensorFlow, Keras Statistical Analysis: Hypothesis testing, Regression

Development Tools
Version Control: Git, GitHub, GitLab
Cloud Platforms: AWS, Google Cloud
Containerization: Docker

Mobile Development Frameworks: React Native, Flutter-
Platforms: iOS, Android

LANGUAGES

Filipino   Native

English   Fluent

KEY ACHIVEMENTS

- Improved client business processes through custom data analysis solutions

- Completed advanced certifications in Innovation & Algorithm Design (2025)

Advanced algorithmic thinking and efficient program design principles

FEATURED PROJECTS / PORFOLIO

Maria Lourdes Mansion - Luxury Hotel Website

React | TypeScript | Chakra UI | EmailJS
https://maria-lourdes-mansion.netlify.app

- Built responsive, elegant website for luxury accommodation business
- Implemented booking inquiry system with email integration
- Optimized for SEO and mobile responsiveness
- Features image galleries, room showcases, and contact forms

My Portfolio

https://joellaggui.vercel.app

Eskwelahan.ph - Educational Mobile Application

React Native | Firebase | Educational Technology
- Developed a comprehensive mobile learning platform for Filipino students
- Implemented real-time data synchronization and offline capabilities
- Features include interactive lessons, progress tracking, and gamification elements
- Optimized for performance across various mobile devices

Advanced Power BI Analytics Dashboard

Power BI | DAX | Data Modeling

- Created dynamic business intelligence dashboard with complex data relationships
- Implemented advanced DAX calculations for KPI tracking and trend analysis
- Designed interactive visualizations for executive-level reporting
- Integrated multiple data sources for comprehensive business insights

- Built scalable web applications serving hundreds of concurrent users

- Successfully deployed multiple production applications with 99.9% uptime

- Active contributor to open source projects and technology communities

- Developed innovative mobile learning platform for educational sector