

ROBE KYLE P. SALANGAD

Full-Stack Web Developer

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SUMMARY

Driven and detail-oriented Full-Stack Developer specializing in the MEVN stack (MySQL, Express.js, Vue.js, Node.js) and cloud-native databases like TiDB. Proven track record of leading technical projects from concept to deployment, including an award-winning environmental monitoring platform and a high-scoring service marketplace.

TECHNICAL SKILLS

- **Additional Languages:** Java, C
- **Frontend:** JavaScript (ES6+), Vue.js, HTML5, CSS3, React
- **Backend:** Node.js, Express.js, PHP, RESTful API Development, Middleware Integration
- **Tools:** XAMPP, Git/GitHub (Version Control), Postman
- **Soft Skills:** Project Leadership, Analytical Problem-Solving, Technical Documentation, Agile Collaboration
- **Databases:** MySQL, TiDB, MariaDB
- **Cloud & DevOps:** Vercel, Render, TiDB, Cloudflare

WORK EXPERIENCE

MAKERSPACE INNOVHUB

Full-Stack Developer Intern | Live: makerspace.ph

Mapandan, Pangasinan

May 2025 – July 2025

- An innovation hub and incubator focused on developing technical solutions for local community challenges and sustainable development.
- Partnered with external stakeholders to deliver bespoke full-stack applications, optimizing system architecture for high scalability and user-centric design

TECHNICAL PROJECTS

COASTAL GUARDIAN (ICP HACKATHON)

Full-Stack Developer

Pasay, Manila

Jun 2025

- Recognized as a Top 10 National Finalist in the ICP Hackathon and secured 3rd Place at MakerSpace InnoHub for an award-winning environmental monitoring platform.
- Developed a blockchain-inspired solution ensuring 100% data immutability for tracking coastal ecological changes.

ALALAY_CONNECT (Thesis Project)

Full-Stack Developer | Live: alalay-connect.vercel.app

San Carlos City, Pangasinan

Aug 2025 - April 2026

- Deployed and managed production environments using Render (Backend), Vercel (Frontend), and TiDB (Cloud Database), ensuring 24/7 project accessibility and data persistence.
- Developed a secure RESTful API with robust JWT-based authentication and authorization middleware, ensuring protected data exchange between consumer and provider endpoints.

BIR TAX ADMINISTRATION PROTOTYPE

Full-Stack Developer | Live: devbir.wplst.com

Mapandan, Pangasinan

May 2025 – July 2025

- Implemented a Multi-Factor Authentication (MFA) pipeline integrating the Gmail API/SMTP to generate and verify secure, time-sensitive 2FA tokens.
- Developed a strict password-validation engine that intercepts registration to check user credentials against a Common Password Dictionary Attack List, mitigating credential-stuffing vulnerabilities

EDUCATION

Virgen Milagrosa University Foundation (VMUF)

Bachelor of Science in Computer Science

San Carlos City, Pangasinan

Graduated May 2026

- Achieved a final defense score of 91.9%, recognized by the panel for technical complexity and robust architecture.