CARL STEPHEN AROCHA

Junior Full-Stack Web Developer

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SUMMARY

Junior Full-Stack Web Developer with a strong foundation in web development gained through academic projects, competitions, and hands-on application development. Has been building web applications since senior high school, with a primary focus on full-stack JavaScript development using React.js, Next.js, TypeScript, and Node.js. Experienced in developing LMS platforms, inventory systems, and real-time features using PostgreSQL and Socket.IO. Currently seeking an entry-level role to grow industry experience and further strengthen technical and problem-solving skills.

EDUCATION

Laguna State Polytechnic University | 2022-2026

Bachelor of Science in Information Technology (BSIT)

Major in Web and Mobile Application Development (WMAD)

WORK EXPERIENCE

Self-Employed | 2024

Freelance Web Developer (Remote / Contract)

- Built responsive portfolio websites using HTML, CSS, and JavaScript for 7 clients
- Delivered custom layouts, optimized UI responsiveness, and ensured cross-browser compatibility
- Collaborated directly with clients to gather requirements, apply revisions, and deploy final outputs
- Balanced freelance projects with academic responsibilities

University Capstone Project | 2025 - 2026

Full-Stack Web Developer (Capstone Project)

- Served as primary programmer for the LMS system capstone project
- Developed full-stack functionality including frontend, backend, and database integration
- Implemented role-based access control and beneficiary performance tracking
- Deployed the application using Docker for environment consistency
- Project completed, defended, and hardbound as part of degree requirements

SKILLS

- Web Development (React.js, Next.js, TypeScript, HTML, CSS, JavaScript) – Experienced
- Node.js – Experienced
- PostgreSQL / Database Systems – Beginner
- Socket.IO (Real-time systems) – Beginner
- Docker (Containerized deployment) – Beginner
- Git / Version Control – Beginner
- Debugging – Experienced
- Problem Solving – Beginner

PORTFOLIO WEBSITE

- https://dodong2.github.io/carl-main/