

DIOMEDES JR. CO (許志濤)

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PROFESSIONAL SUMMARY

Results-driven Back-End Developer with a strong foundation in designing and building scalable web applications and RESTful APIs. Experienced in Back-end Development, real-time data streaming with IoT, and Agile practices. Known for strong problem-solving skills, teamwork, and commitment to clean, maintainable code.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, Java, Node.js, Express.js, React.js, Redux, Socket.IO

Databases: MongoDB, PostgreSQL

Dev Tools: Git, GitHub, JIRA, JWT, BcryptJS, REST APIs

Development: Android Studio, Oracle Forms/Reports, SQLPlus

Methodologies: Agile (Scrum), Version Control, CI/CD basics

Other: MS Office Suite, Basic Mandarin, Excellent communication skills

KEY ACHIEVEMENTS

🏆 1st Place, Mobile Application Development Contest – TIP QC, Feb 2021

🎓 Dean's Lister and VPAA's Lister, 2020–2021

🌐 Completed MERN Stack Full Stack Development Course, Udemy, Oct 2023

EXPERIENCE

Back-End Developer Intern

Technological Institute of the Philippines – Quezon City

May 2021 – May 2022

- Developed and maintained RESTful APIs using Node.js and Express.js to process data from IoT devices.

- Engineered backend services for real-time data streaming, enhancing performance and reliability.
- Participated in Agile ceremonies (daily standups, sprint retrospectives) to boost collaboration.
- Collaborated in code reviews and used Git for version control to maintain coding standards.

RESEARCH & PROJECTS

DRIVERPH: Road Safety Analytics Platform

- Led the development of a cloud-based system for analyzing driver behavior using data analytics.
- Integrated data from IoT sensors (sudden acceleration, braking, turning) into a web dashboard.
- Funded by DOST-CRADLE, in collaboration with Quicktrans Cargo Moving, Inc.

EDUCATION

Bachelor of Science in Information Technology

Technological Institute of the Philippines – Quezon City

2018 – 2022

- Program accredited by ABET (Computing Accreditation Commission)

TRAININGS & SEMINARS

- MERN Stack Front To Back – Udemy (2023)
- JIRA Project Management Training – Zoom (2021)
- Webinars: AI & ML in Cybersecurity, Blockchain Basics, VR in Autism Therapy – BrightTalk

VOLUNTEER & ENGAGEMENT

Member, Junior Philippine Computer Society (2019–2020)