

Carl Daniel F. Estrada

Binmaley, Pangasinan • cdf.estrada1@gmail.com • 09661441216

Education

University of the Cordilleras

Bachelor of Science in Computer Science

Relevant Coursework:

Baguio City

2025

- **Presented my published thesis at the 25th Philippine Computing Science Congress** held in Baguio City, Philippines (May 7–10, 2025).

Experience

Makerspace Innovhub OPC

Software Engineer

Municipality of Mapandan

November 2025 - Present

- **Provided assistance** and monitored task execution to maintain high standards of code quality and project documentation.
- **Facilitated technical project workflows** and **coordinated with senior leadership** to ensure all development milestones are met within established deadlines.

Sumtech Enterprises

IT Sales Manager

Baguio City

August 2024 – August 2025

- **Designed and published** digital advertisements tailored to target audience demographics
- **Increased** sales by 30% through effective marketing strategies
- **Built and maintained** customer relationships, resulting in a steady base of recurring clients

Skills

Technical:

- **Proficient in** TypeScript, JavaScript, Python, Java, and C/C++, with experience building modern web applications using React, Next.js, Astro, HTML5, CSS, and Tailwind CSS. Familiar with interactive 3D web development using Three.js and cross-platform mobile development with Flutter.
- **Experienced in** backend development and database management using Node.js, MySQL, PostgreSQL, MongoDB, and Supabase. Knowledgeable in developing integrations with Discord.js, the Stellar SDK, and Sui Move for blockchain-related applications.
- **Skilled in** modern development tools and infrastructure, including Git, Docker, Kubernetes, and DigitalOcean for version control, containerization, orchestration, and cloud deployment. Strong understanding of software development workflows and full-stack application architecture.
- Expert proficiency in **Microsoft Office 365 (Word, Excel, PowerPoint)** and **Google Workspace** for professional document formatting, data organization, and team collaboration.
- Advanced experience with **Generative AI tools** and agentic workflows to automate technical drafting, data analysis, and professional reporting.
- Strong experience in project-based research, drafting **Standard Operating Procedures (SOPs)**, and creating high-impact presentations for professional and academic contexts.

Soft:

- Proficient in speaking skills and public speaking
- Able to analyze complex technical challenges and develop effective, practical solutions
- Adaptable to new technologies, tools, and work environments
- Flexible individual and team player who functions well in a fast-paced work environment

Language: English, Filipino, Pangasinan