

# Krennt Craven Alvarez Villalon

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## WORK EXPERIENCE

### Amdocs

August 2024 - Present

Software Engineer

Ortigas, National Capital Region, Philippines

- Built and maintained scalable AWS-based backend and web applications, supporting 1,000+ users in an Agile/Scrum environment.
- Developed RESTful APIs and third-party integrations (Netflix API) and implemented automated monitoring with AWS CloudWatch & SNS, boosting QA productivity by 14%.
- Delivered end-to-end features across the full SDLC, including system design, automated testing, CI/CD, cloud deployment, debugging, and performance optimization.

### Willis Towers Watson

Oct 2023 - April 2024

Software Engineer Intern

Taguig, National Capital Region, Philippines

- Enhanced the frontend of the Learning Experience Platform using ASP.NET MVC, improving usability and reducing support tickets by 15%.
- Integrated Azure Active Directory (Azure AD) authentication and collaborated cross-regionally, expanding platform accessibility and reducing access issues by 25%.

### GCash (Mynt - Globe Fintech Innovations, Inc)

Jun 2023 - Sept 2023

PMO Technology & Operations Intern

Taguig, National Capital Region, Philippines

- Built automated workflows and custom integrations, reducing manual data processing by 20% and improving operational efficiency.
- Streamlined project delivery through Jira documentation, QA data cleansing, and sprint process optimization, accelerating issue resolution and cross-team collaboration.

## EDUCATION

### Pamantasan ng Lungsod ng Maynila

Sep 2020 - Sep 2024

Bachelors of Science in Computer Engineering

Manila, National Capital Region

- GWA: 1.60** (College Scholar)
- Relevant Coursework:** Data Structures & Algorithms, Software Development, Project Management, Database Management, Artificial Intelligence, Machine Learning

## CERTIFICATIONS & SKILLS

**Certifications:** AWS Cloud Practitioner (Nov 2024), AWS Certified Developer (February 2025), Azure AZ-900 (March 2025), AWS Certified Solution Architect (April 2025),

**Programming:** Python (Proficient), Java, JavaScript, TypeScript, Unix, C#, C++, SQL

**Web Technologies & Databases:** MERN Stack (Mongo DB, Express.js, React, Node.js), HTML, CSS, TypeScript, JavaScript, Angular, NoSQL, SQL, Next.js, Shadcn

**Mobile App Technologies:** Flutter, React Native, Kotlin

**Cloud & DevOps:** Amazon Web Services (AWS), Google Cloud Platform (GCP) Microsoft Azure, Git & Github, Vercel, Docker, K8s,

**Languages:** Filipino (Native, First Language), English (Native)

**Core Competencies:** Data Driven, Decision Making, Technical, Communication, Problem Solving, Team Leadership, Adaptable, Stakeholder Engagement.

## PROJECTS

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### **OneSync: RFID-Based POS and Sales Forecasting System** **2024 - Present**

*Lead Developer and Maintainer*

Led development of OneSync, an RFID-based POS and sales forecasting system using Flutter, Firebase, RFID, and PayMongo, streamlining cafeteria operations with digital payments and predictive analytics. Directed a 4-member team from design to deployment, earning 2nd Best Architecture Thesis Award at Pamantasan ng Lungsod ng Maynila for technical innovation.

### **Epita GDSC PLM & GDSC France Collaboration** **March 2024**

*Senior Developer*

Pioneered the backend, frontend, and cloud infrastructure for Epita, a collaborative web app between GDSC PLM and GDSC France, leveraging Next.js, Shadcn, Tailwind CSS, Firebase, and Terraform to enable scalable student networking and seamless international collaboration.

### **Ang Pamantasan - PLM Student Publication** **June 2023**

*Lead Developer*

Spearheaded the development of Ang Pamantasan, PLM's official student publication website, using React.js, Contentful, GraphQL, Styled Components, and Material UI to deliver a scalable solution that improved content management, enhanced navigation, and strengthened the university's digital presence.

### **Sagip - Ateneo De Manila (Hackathon)** **April 2023**

*Lead Developer*

Developed a digital platform to address blood donation challenges using React Native, Tailwind, and Firebase, winning 2nd place at the 24-hour GDSC Loyola Hackathon for innovation and impact.

## ACHIEVEMENTS

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### **Pamantasan ng Lungsod ng Maynila - Thesis Presentation** **March 2024**

*2nd Place, Best Thesis in Architecture Design*

### **GDSC - Ateneo De Manila (Hackathon)** **April 2023**

*2nd Place, Developed a digital platform addressing blood donation issues*

## LEADERSHIP

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### **Google Developer Student Club - PLM** **2024 - Present**

*Senior Web Developer & Senior Mobile Developer*

Mentored 20 students in modern web and mobile development, teaching React.js, Next.js, Material UI, Styled Components, Shadcn, Vercel, React Native, and Flutter, fostering hands-on skills and accelerating their proficiency in full-stack development.