# Allen Diaz

**Full Stack Developer | Software Engineer | Software Developer**

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**My Github:** https://github.com/AllenDiaz

## PROFESSIONAL SUMMARY

Full-Stack Engineer with **3+ years of experience** in designing and developing scalable web applications and AI-driven solutions. Highly skilled in **React, Next.js, FastAPI, and Express**, with a proven track record of delivering **enterprise-grade architectures** and innovative digital products. Currently contributing to **AI-powered systems at Albertsons Companies**, blending full-stack development with machine learning to optimize business processes. Certified by **IBM, Meta, and Microsoft**, and recognized internationally with **published research in IEEE Xplore**. Passionate about continuous learning, emerging technologies, and building impactful solutions that drive efficiency and user satisfaction.

## TECHNICAL / KEY SKILLS

**Programming Languages & Frameworks:**
- JavaScript
- Python
- Linux
- HTML and CSS/Sass
- Fast API
- Express JS
- React JS
- Next JS
- Node JS
- PHP Framework (Laravel, Symphony, Slim PHP)
- Java

**Libraries & Tools:**
- Redux
- Docker

**Cloud Technologies:**
- Google Cloud
- Azure Cloud
- Aws

**Databases:**
- MySQL
- MongoDB

**Data Analysis & Visualization:**
- PowerBI
- Data Analysis

**Soft Skills:**
- Problem Solver
- Strong Communication
- Agile Developer

## EDUCATION

**Central Luzon State University**
- Bachelor of Science Information Technology
- Major in Systems Development
- University Scholar

## WORK EXPERIENCE

**Safeway Albertsons Philtech**                                            **June 2025 – Present**
Full Stack Engineer

**Roles / Responsibilities:**
- Worked for the AI Team INCITE (Innovation & Continuous Improvement Team).
- Led the Full Stack AI system project for Philtech Finance; the project is a Document Analyzer and Reviewer.

- Built the UI from scratch using the Next.js framework. The frontend includes Tailwind CSS with TypeScript. The UI features an Analytics Page, Invoice Page, and four workflow pages.
- Developed 14 backend endpoints from scratch using the FastAPI framework. The backend includes SQLAlchemy ORM, Pydantic, Cloud SQL (PostgreSQL) database, Google Cloud Storage, and more.
- Used **Docker** for containerization and created Docker workflows for both frontend and backend.
- Deployed the system on Google Cloud Platform (GCP).

**Safeway Albertsons Philtech**                                    **September 2024  –  June 2025**
Software Engineer Apprentice (Dev/Support Role)

### Roles / Responsibilities:
- Developed Expense Tracker (APC BOOTCAMP)
- Involved in NodeJS project
- Use Linux and shell scripting for POS issues via ServiceNow
- Managing and troubleshooting technology issues for Albertsons Companies Retail, encompassing 2,200 stores.
- Investigate POS system problems using Linux, Cloud, Database, Logs
- Create a query runbook documentation for the latest project of Albertsons (MongoDB and Azure)

**International Philippine Technologies**                          **July 2023 – November 2023**
Web Developer Intern

### Roles / Responsibilities:
- Collaborate on 3 different web development projects. I am Involved in React, NodeJS and PHP technologies
- Trained in adapting to different technologies and computer language

**Full Stack Developer Freelancer**                               **Aug 2020 – Present**
Full Stack Developer

### Roles / Responsibilities:
- Creating a system solution for small businesses and organization one of my biggest clients is International Baptist church of Pinellas INC in Florida USA.
- Freelance in creating system for college students.

## CERTIFICATION, ACHIEVEMENT, AWARD and SEMINAR
### Academic & Research
- Published research at 2024 IEEE 6th Symposium on Computers & Informatics (ISCI) – Kuala Lumpur, Malaysia
- Passed DICT ICT Proficiency Exam Phase 1 – Java Language
### Full-Stack & Web Development
- Udemy Web Developer Bootcamp 2025 – Colt Steele Certification
- IBM Full-Stack JavaScript Specialization – IBM Professional Certification
- JavaScript Full Stack Capstone Project – IBM Certification
- Developing Front-End Apps with React – IBM Certification
- Introduction to HTML, CSS, & JavaScript – IBM Certification
- JavaScript Programming Essentials – IBM Certification
- Introduction to Software Engineering – IBM Certification
- Introduction to Java and Object-oriented Programming – University of Pennsylvania
- Fundamentals of Java Programming – Meta
### Generative AI
- GenAI for Data-Driven Solutions: Automate, Analyze, and Accelerate (13 courses) – US ASEAN Center
### Backend Development & APIs
- Developing Back-End Apps with Node.js and Express – IBM Certification
- Node.js & MongoDB: Developing Back-end Database Applications – IBM Certification
- Application Development using Microservices and Serverless – IBM Certification

- Python Programming Fundamentals – Duke University

**Cloud & DevOps**
- AWS Academy Cloud Foundations – AWS Certification
- Google Cloud Fundamentals: Core Infrastructure – Google Certification
- Introduction to Microsoft Azure Cloud Services – Microsoft Certification
- Introduction to Containers with Docker, Kubernetes & OpenShift – IBM Certification
- Get Started with Cloud Native, DevOps, Agile, and NoSQL – IBM Certification

**Data & Analytics**
- Foundations: Data, Data, Everywhere – Google Certification
- Harnessing the Power of Data with Power BI – Microsoft Certification

**Tools & Systems**
- Getting Started with Git and GitHub – IBM Certification
- Hands-on Introduction to Linux Commands and Shell Scripting – IBM Certification
- Introduction to Computers, Operating Systems, and Security – Microsoft Certification

**Soft Skills & Thinking**
- Solving Problems with Creative and Critical Thinking – IBM Certification
- High-Impact Business Writing – UC Irvine Certification