

# ERWIN JAMES G. CALUAG

egcaluag@gmail.com | [www.erwinjames.world](http://www.erwinjames.world) | [www.linkedin.com/in/erwinjamescaluag](https://www.linkedin.com/in/erwinjamescaluag)

## Profile

Full stack developer with ~4 years of experience building scalable web applications using React, Next.js, Node.js, and AWS. Skilled in designing and deploying end-to-end solutions, integrating AI and automation, and delivering production-ready systems. AWS Certified Solutions Architect Associate.

## Technical Skills

**Frontend:** React, Next.js, Javascript, Typescript, Redux, Zustand, React Query, Tailwind, HTML, CSS

**Backend:** Node.js, Express.js, Python, FastAPI, PostgreSQL, MongoDB, Supabase

**Cloud and DevOps:** AWS (Lambda, S3, DynamoDB, API Gateway), Docker, CI/CD

**AI and Automation:** OpenAI API, n8n, GoHighLevel, Claude Code, Gemini

## Relevant Work Experience

### Generative Labs | Full Stack and AI Engineer October 2024 - Present

- Engineered a real estate mobile application and web counterpart with React Native and Next.js, integrating natural language processing capabilities to enhance property descriptions, improving listing quality and engagement
- Developed a voice-based online certification platform leveraging OpenAI's Whisper API for speech recognition, creating a more accessible and user-friendly certification experience
- Utilized n8n for automating workflows and orchestrating AI agents

### Apper Digital, Inc. | Full Stack Cloud Software Engineer July 2023 - October 2024

- Spearheaded the end-to-end development of a Learning Management System (LMS) utilizing Node.js, React.js, and AWS serverless architecture, resulting in a scalable and cost-efficient solution
- Implemented comprehensive cloud infrastructure using AWS services (Lambda, S3, DynamoDB)
- Integrated OpenAI API to develop an intelligent AI assistant, enhancing user engagement and automated support capabilities

### Digipay PH | Front End Developer March 2022 - July 2023

- Modernized the company's web application stack using Next.js and Redux, eliminating existing tech debt and enhancing application efficiency and user experience
- Engineered and launched a new Agent Banking feature enabling real-time Instapay fund transfers, expanding the platform's financial services and attracting new users
- Redesigned and optimized core features including Transaction History, Sales Analytics, and E-commerce platform, improving user experience and increasing customer satisfaction

## Professional Development

- AI Republic - AI Engineering Bootcamp December 2024
- CloudSchool Cloud Architect Mentorship Program (CAMP) September 2024

## Certifications

- [AWS Certified Solutions Architect – Associate](#) February 2024
- [AWS Certified Cloud Practitioner](#) December 2023

## Education

### University of the Philippines

- Master of Arts in Urban and Regional Planning (course work completed) 2018-2020
- Bachelor of Public Administration 2013-2017