

Kevin Cruz T

Software Engineer | Full-Stack Developer (Backend-Focused)

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PROFESSIONAL SUMMARY

Backend-focused Full-Stack Developer proficient in Java, SQL, JavaScript, React.js, Node.js, Express, Spring Boot, PostgreSQL, MySQL, Docker, AWS, and Linux. Hands-on experience building database-driven applications, REST APIs, and automation workflows using modern web technologies and clean software design principles. Seeking Software Engineer or Full-Stack Internship opportunities.

TECHNICAL SKILLS

Programming Languages: Java, C, JavaScript, Python, SQL, HTML/CSS
Backend Frameworks & Libraries: Node.js, Express, Spring Boot, REST APIs
Frontend: React.js
Databases: PostgreSQL, MySQL
Cloud & DevOps: Linux, AWS, Docker
Automation & Workflow: n8n
Tools & Other: Git, GitHub, Supabase, Maven, NeonDB

PROJECTS

Automated Video Rendering Pipeline | n8n, FFmpeg, Docker

- Built a self-hosted automated video rendering pipeline using n8n workflows and FFmpeg for media processing, video merging, audio integration, and automated export generation.

NitroGate | Next.js, Circle CCTP, Yellow Network, Wagmi

- Built a pay-per-second Web3 video streaming platform with real-time USDC micropayments via state channels and cross-chain bridging; won a \$25 hackathon prize.

Custom Heap Memory Allocator | C

- Implemented a dynamic heap memory allocator with block splitting and fragmentation handling.

Electronics Rental System | React, Supabase

- Developed a rental platform with authentication, database integration, and REST-style data management.

Fake News Detector Browser Extension | JavaScript, Gemini API, OCR Reader

- Built a browser extension to detect fake news using content analysis and OCR-based text extraction.

Movie Rental System | Java Swing, JDBC, PostgreSQL, NeonDB

- Built a rental management system with a relational database schema, CRUD operations, and transaction handling.

EDUCATION

Bachelor in Computer Science and Engineering

2023 - 2027

Loyola ICAM College of Engineering and Technology

CGPA: 7.68 | Currently Pursuing 6th Semester

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Management Systems, Machine Learning, Object Oriented Software Engineering, Web Technologies

CERTIFICATIONS

- Complete Full-Stack Web Development Bootcamp by Dr. Angela Yu from Udemy
- Database Programming with SQL from Oracle Academy
- Programming with PL/SQL from Oracle Academy