

CHYLE ANDREI LEE

Data Engineer | Full-Stack Developer | AI & Cloud Enthusiast

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SKILLS

Data Engineering & BI: MS SQL Server, PostgreSQL, MySQL, Firebase, SSIS, Power BI, Tableau (basic), Supabase, Snowflake

Cloud & DevOps: AWS (Lambda, EC2, S3, API Gateway), Azure, GitHub Actions, Docker, Kubernetes, AWS CDK

Programming Languages: SQL, Python, Java, JavaScript, TypeScript

Frameworks: Spring Boot, Node.js, Express.js, Ruby on Rails

Databases: PostgreSQL, MySQL, DynamoDB, Supabase, Snowflake

Testing & Automation: Postman, CI/CD pipelines

Security & Authentication: OAuth 2.0, JWT, IAM

Other Tools: Git, VS Code, Cursor AI, Android Studio, Jira, Figma

Soft Skills: Adaptability, Critical Thinking, Leadership, Attention to Detail, Communication, Proactive

PROFESSIONAL EXPERIENCE

Junior Full Stack Developer - Contractual

xFusion

Makati, Metro Manila

Feb 2025 - April 2025

- Designed and deployed cloud-based ETL pipelines using **AWS Lambda**, **API Gateway**, and **CDK** to process high-volume product data from 50+ e-commerce platforms
- Built multi-platform data extractor in **Node.js** and **Puppeteer** to acquire structured data and store them in **DynamoDB** and **PostgreSQL**
- Designed and maintained schema for product analytics with DynamoDB, Snowflake, Cube, and Snowpipe
- Integrated OpenAI and Claude APIs to extract insights, classify products, and enhance dashboard analytics

Junior Software Developer Intern

Navitaire, an Amadeus Company

Taguig, Metro Manila

Sept 2023 – Dec 2023

- Contributed to Angular components that pulled dynamic data via backend APIs
- Collaborated with QA and DB teams to ensure consistency between frontend and backend datasets

IT Intern

Accenture Philippines

Mandaluyong, Metro Manila

Jul 2022 – Sept 2022

- Developed an augmented reality (AR) prototype to render 3D objects using Microsoft Powerapps + custom connectors, providing interactive product previews for client demonstration.

Activities Executive

De La Salle University Student Government – College Batch 2T24

Manila, Metro Manila

Mar 2021 – Sept 2021

- Managed 5 university-scale events and ensured cross-org collaboration success
- Supported 10+ student initiatives to ensure smooth operations and successful outcomes.

PROJECTS

Practrack | *Angular, Node.js, Supabase*

- Built an intelligent practicum tracking platform with AI-powered analysis using OpenAI.
- Developed dashboards in **Power BI** for student-company analytics, reducing admin workload by 50%.
- Implemented role-based access and automated document workflows to streamline practicum management.

Profs To Pick | *Node.js, MySQL*

- Led backend architecture and database schema design for a course selection tool. Built SQL queries and backend logic to score professors based on aggregated feedback. Delivered complete API layer for frontend integration.
- Delivered API endpoints and dynamic queries for professor recommendation engine.

PlantMate | *Kotlin, Firebase*

- Directed development of a Firebase-backed e-commerce app with real-time product tracking and usage analytics. Implemented structured storage of order and user data to support client reporting and internal dashboards.

EDUCATION

DE LA SALLE UNIVERSITY MANILA

Bachelor of Science in Information Technology

Manila, Metro Manila

2020 - 2024

- CGPA: 3.43, **Cum Laude**
- Consistent Dean's Lister
- Coursework: AI & ML Applications, Web Development, Database Admin, Mobile Dev, Network Infrastructure, Cloud Services, Security, Agile Project Management

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals | Microsoft | Dec 2024
- Blockchain and Bitcoin Fundamentals | Udemy | Oct 2024
- The Complete 2024 Web Development Bootcamp | Udemy | Dec 2023
- AWS Academy Graduate - Cloud Foundations | AWS Training | Jul 2023
- CCNA: Introduction to Networks | Cisco | Sept 2021