

MELVIN

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Profile Summary

Software Engineer with 3+ years of experience building scalable backend and full-stack applications in fintech and consumer tech. Born in Tokyo and raised in Indonesia, I bring a multicultural perspective and a deep interest in working in Japan's tech industry. Skilled in Python, Django, React, and AWS with strong production ownership. Familiar with international development practices, DevOps, and Agile. Actively learning Japanese (JLPT N4 target) and seeking opportunities to work in Japan with relocation support.

Technical Skills

Languages: Python, JavaScript, TypeScript

Frameworks: Django, React, React Native, Node.js, Next.js

Database: MySQL, MongoDB

DevOps & Cloud: Docker, AWS (EC2, ECS, S3, SNS, SQS, Aurora DB, IAM), Selenium

Testing & Monitoring: Jest, Unit Test, Postman, Datadog, Grafana, Scalyr

Tools: Git, GitHub, Storybook, WebDriver

Professional Experience

Kredivo Group – Backend Engineer

Jakarta, Indonesia | Jun 2023 – Present

- Maintained and contributed to the Kredivo Core API serving 12M+ users
- Developed eligibility checks and limit calculation systems for user approval
- Led internal scraping tool development for government, e-commerce, and banking sites
- Managed a high-throughput API (>1M requests/day) ensuring stability and performance
- Authored API documentation, RCA reports, and monitoring dashboards
- **Tech stack:** Python, Django, MySQL, Docker, Selenium, AWS, Pub/Sub

PT. Inovasi Finansial Teknologi – Software Engineer

Jakarta, Indonesia | Feb 2022 – Dec 2022

- Built shared NPM packages for frontend admin auth & utility logic
- Refactored components to atomic design system using Storybook
- Achieved ~90% test coverage using Jest & testing-library
- Contributed to Node.js microservices handling 100k+ users
- **Tech stack:** React, React Native, Node.js, Express, MongoDB, AWS

Apple Developer Academy – iOS Engineer (Internship)

Jakarta, Indonesia | Feb 2022 – Dec 2022

- Developed **Comute**, an iOS app to help users navigate the Jabodetabek train network efficiently
- Implemented Dijkstra Algorithm in Swift to compute the shortest route between train stations
- Optimized Lottie animations, reducing average memory usage from 500MB to 100MB
- The app was featured by **Apple Developer Academy** and highlighted in [Detik.com](https://www.detik.com) (a major Indonesian news outlet)
- Achieved over **1,800 user downloads**, reflecting strong user interest and practical adoption

Bukalapak – Frontend Engineer (Internship)

Jakarta, Indonesia | Oct 2021 – Jan 2022

- Worked on revamp of public relations site using micro-frontends
 - Explored AMP integration, design systems, and wrote unit tests using Vue-utils
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LANGUAGES

- **Indonesian** – Native
 - **English** – Business Proficiency
 - **Mandarin** – Basic Proficiency
 - **Japanese** – Currently learning (target: JLPT N4)
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EDUCATION

Bina Nusantara University – Bachelor of Computer Science

INDONESIA | Sept 2019 – July 2023

GPA: 3.51 / 4.0