

MELVIN

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EDUCATION

Bina Nusantara University

Bachelor of Computer Science (Software Engineering)

Sep 2019 – July 2023

GPA: 3.51/4.0

WORKING / PROJECT EXPERIENCES

Kredivo Group – Backend Engineer (Full-Time)

June 2023 - Present

- Handle & contribute to Kredivo Core API that handle all user approval flow
- Handle & contribute to how Kredivo check user eligibility & calculate user appropriate limit
- Involve in migrate old python version for an internal tool service to newer python version safely
- Responsible for an internal tool that involve Web Scraping (Selenium, Appium)
- Create an automation tool for Darwinbox reimbursement as a “fun project” in my sparetime
- Tech Stack: Python, Django, Unit Test, Docker, AWS

PT. Inovasi Finansial Teknologi – Software Engineer (Full-Time)

Feb 2022 - Dec 2022

Frontend (React/React Native, Linaria, Webpack, Jest, testing-library)

- Handle & Contribute to Web Frontend & React Native Mobile App
- Create a shareable utility package (NPM Package) to manage all web admin authentication (API call, form validation, and state management)
- Convert Makmur atomic components for web admin into a shareable utility package that utilizes Storybookjs
- Make unit test with average coverage 90%

Backend (Node.js, Express, MongoDB, AWS EC2, AWS S3)

- Contribute to Node.js **Microservices** (goalservice, paymentservice, dana paymentservice, etc)
- Create InvestmentWrapped routes (Calculate and map user investment history into total investment per year, favorite products by total subscription, and favorite products by total value)

Oct 2021 - Jan 2022

Apple Developer Academy – iOS Engineer (Internship)

- Pioneered & Implemented Jabodetabek station data into JSON, work with other 2 engineers to determine the data structure that satisfy our user needs
- Pioneered & Implemented **Dijkstra Algorithm** in Swift to find shortest path between 2 stations in Jabodetabek Train Station
- Improve Animation lottie performance (Device Memory Usage) from average 500+ mb memory consumption to average 100+ mb memory consumption
- APP chosen as Apple Developer Academy spotlight position and featured in **DETIK.COM** (Indonesia News Media)