Sebastian Dion

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https://github.com/SebastianDion

https://web-portofolio-dion.vercel.app

About Me

I am a last-semester student in the Mobile Application Technology program at BINUS University, with hands on experience in fullstack development. Currently, I work as Software Engineering Intern at ADIRA Finance working fullstack development, building and maintaining applications using JavaScript, TypeScript, and React Native. I have a strong foundation in mobile application development and problem-solving, and I am eager to grow as a software engineer in a real-world environment.

Work Experience

2025 - 2026 | Software Engineer Intern | ADIRA Finance

Digital Engineering & Architecture Division

- Worked in an Agile development environment, actively participating in sprint planning, grooming, sprint review, and retrospective sessions while collaborating with cross-functional teams.
- Contributed to fullstack development of Danadira mobile application using JavaScript, TypeScript, React, Node.js, Fastify, PostgreSQL, and Docker for both feature development and bug fixing.
- Developed and integrated backend APIs including CRUD services, API remapping, mock services, and implemented event-driven condition, handling logic such as displaying Virtual Account amount, loan disbursement, retry mechanisms, and FAST integration.
- Implemented and enhanced bank name handling logic across backend and frontend of the application using JSON object fields in the database, backend event handling, and frontend conditional rendering.
- Wrote SQL queries for development, reporting tasks and analytics to support business and development needs.
- Developed, bug-fixing, and maintained frontend UI components, implementing design updates from UI/UX team, copywriting changes, conditional rendering, empty states, pop-ups, navigation flows, and state handling requested by business team.
- Performed UI/UX improvements, including layout adjustments, component restructuring, dynamic content display, and fixing UI inconsistencies across different mobile devices.
- Created dashboards and analytics queries using Metabase to support business teams with contract monitoring, repayment tracking, and operational insights.
- Implemented unit testing using Jest for backend and frontend features, achieving the minimal test coverage on critical modules.
- Handled production and regression issues including race conditions, intermittent bugs, hotfix, and cherry-picking to branches.
- Payload restructuring for B2B integration, journal handling and field mapping based on business requirements.
- Collaborated closely with QA, and Product Owners to ensure accurate feature delivery.

2023 - 2024 | Education Counselor Binus | BINUS University

- helps students gain admission to BINUS University.
- serves as a counselor to guide and mentor students about the various programs offered at BINUS.
- Serve as their marketing and sales team by promoting BINUS University.

Projects

React Native Final Project (Thesis)
During my final year, I developed a management system app for my thesis. It's called "Hot Forge". Hot Forge is an app where you can connect with other hotwheels collector and see hotwheels models. I use firestore to store the datas and models and used python script for scraping the HotWheels model from wiki. I also used Expo to run my React Native application for easy debugging and running.

Flutter Project
In my flutter project, I made an app named Bonk Toys. This app is an e-commerce app that sells Hot Toys. Bonk Toys also gives description to the Toys that are in stocks so user can insert it into their cart. Bonk Toys use Firebase Service as it's login authentication. I designed the app layouts using Figma.

Kotlin Project
In this project, i made an app called Harco Mobile. Harco Mobile is an e-commerce app that sells hardware and electronics where user can buy using cart system like Harco Glodok, but in an e-commerce app. User can login and sign in using their accounts and save their data using local SQlite. This app is made using android studio. This app uses Firebase Service as it's Map service (shows map on the app). Besides harco mobile, I also made an app called JollyCat. It has the same concept like harco mobile but selling cats.

HTML, CSS, JavaScript Project
Using HTML, CSS, and JavaScript i create a web for buying music it is called Willify. This website acts like a Spotify but instead of listening to music user are prompted to buy the music that are available. This website is inspired by Spotify but i designed the website using my own style and color, I also used Figma before building the website.

Unity and Blender Project
In this project i mainly worked on Blender making the assets. This project was focused on creating a VR Horror Game. This project used a little bit of C# to apply the physics to the objects and Blender as it's main asset making.

React and Tailwind project
I made a web portofolio using React, I learn react and tailwind by building this project. The deployment that i use is vercel. This web will showcase my work, contacts, and information.

Go Lang Project
Using Go Lang I made a drink system which can buy and sell drinks, using struct functions for users and admin to use. This project was inspired by a friend of mine in Universitas Indonesia, which he was tasked on making using python, so I figure why not making it in Go Lang.

Skills

Certificate & Awards
- Udemy - **Beginning C++ Programming - From Beginner to Beyond**
- Certificate of Appreciation as recognition for the participant with the best project "**Ex.Py 2022 Python Bootcamp**"
- Sertifikat kelulusan kelas BuildWithAngga "**Flutter Mobile Apps**"
- Certificate of Participation as recognition for the completion as participant in "**Ex.Py 2022 Python Bootcamp**"
- Certificate **COMPFEST 14 Xcelerate** seminar on 24th September 2022
- Certificate of completion in "**AI Productivity AI API Integration for Developers**" course by MAJU BARENG AI

Hard Skills
- React Native, Typescript, JavaScript, PostgreSQL, ReactJS, TailwindCSS, Git, and Docker, C/C++, Python, GoLang, Dart(Flutter), Kotlin(AndroidStudio), HTML, CSS, Java.

Tools
- Notion, Obsidian, Webflow, FlutterFlow, Github, Jira, Bitbucket

Organizational Experience

- 2021 - 2021 | Gonzaga Festival PUBG Competition Committee
- 2017 - 2019 Band member for Regina Pacis School

Language Skills

- Indonesia and English

Soft Skills

- Problem solving, fast adaptability, problem solving, communication, team collaboration.

Education

2019 - 2022| SMA Kolese Gonzaga | Science Major

2022- 2026 | BINUS University | Mobile Application & Technology