

ABDUL H. MAHI

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EDUCATION

Swinburne University of Technology

Bachelor of Computer Science in Software Development

MAR 2021 - DEC 2023

Hawthorn, VIC 3122, Australia

EXPERIENCE

FRONTEND DEVELOPER INTERN

Cellcast SMS & MMS Marketing

AUG 2022 - NOV 2022

Prahran, VIC 3181, Australia

- Developed 3 fully functioning webpages using React, CSS, JavaScript, Material UI, Bootstrap, Tailwind.
- Collaborated on Figma and slack in order to replicate the website designs provided by a UI/UX designer.
- Designed and developed 2 multistep popup forms for gathering user data.
- Maintained codes in version-control using Git (Pull, Push, Commit, Merge branch, PR etc).

ADVANCED VEHICLE CONTROL ENGINEER

Team Swinburne FSAE – Hawthorn, VIC

JAN 2022 - JUL 2022

Hawthorn, VIC 3122, Australia

- Conducted research, gathered information from multiple sources, and presented results.
- Helped with designing and developing the telemetry software UI with React JS, CSS and Firebase API.
- Demonstrated leadership, teamwork, and adaptability.

TECHNICAL SKILLS

Languages	C#, C++, JavaScript, TypeScript, Python, Java, Ruby, Kotlin, Flutter, SQL, PHP, HTML5, CSS3/2.
Frameworks	Node.js, Express.js, MongoDB, Next.js, MySQL, PostgreSQL, React.js, Vue.js, jQuery, Tailwind, Bootstrap, Materialize, Bulma, .NET.
Developer Tools	Adobe XD, Figma, AWS, Power BI, Trello, Notion, Slack, GitHub, Android Studio, Visual Studio, ESLint, MS Access, Agile Methodology.

ACTIVITIES/PROJECTS

National Hackathon - Strengthening Urban Infrastructure

FIGMA | REACT.JS | TAILWIND

As a key member of the winning team at the hackathon, I undertook the roles of prototype designer and front-end developer for our autonomous fire accident prevention solution. My responsibilities included crafting the UI prototype and subsequently implementing several pages using Tailwind, Material-UI (MUI), and React.js. Additionally, I played a crucial role in integrating the system with Arduino boards, sensors, and Firebase.

Capstone Project - Diabetes Self Management App

NODE.JS | ADOBE XD | FLUTTER

Collaborating within a team, I played a vital role in upgrading MENTORd, a cross-platform mobile app catering to Type II diabetes patients. Faced with an outdated and unstable application, we undertook a complete overhaul, migrating to the latest Flutter 3.7 platform. My contributions spanned a competitive UI/UX analysis, prototype design using Adobe XD, and the development of home and dashboard pages, along with various graphs and charts. Additionally, I addressed backend issues, server crashes, and ensured robust data storage using Node.js and MySQL. Additionally, I facilitated integration within the larger Diabetes Self-Management Platform, encompassing a Middleware and a Clinician Web App.

Personal Project - Recipe Book Application

KOTLIN | VUE.JS | FIREBASE

I planned and designed an intuitive web and mobile recipe book app using Adobe XD. For the web version, I employed Vue.js, Bootstrap, and Tailwind to ensure a responsive design, while for the mobile app, I utilized Kotlin and Android Studio, focusing on delivering a seamless and user-friendly experience. My development efforts involved leveraging Firebase for robust CRUD functionality and user authentication.

REFERENCES

Dr. Caslon Chua

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Mr. Yvan Camille

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