ABDUL H. MAHI

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EDUCATION

Swinburne University of Technology
Bachelor of Computer Science in Software Development

DEC 2023 (EXPECTED)
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.
- Demonstrating 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

I was on the winning team at the hackathon. I worked as both the prototype designer and front-end developer for our autonomous fire accident prevention solution. I designed the prototype for the UI and then developed several pages with Tailwind, MUI, and React.js. I also helped integrate the system with Arduino boards, sensors, and Firebase.

Capstone Project - Diabetes Self Management App   NODE.JS | FIGMA | FLUTTER

I worked with a team to upgrade MENTORd, a cross-platform mobile app for Type II diabetes patients. The existing app, running on outdated technology, was unstable and deprecated, the UI needed a complete redesign and had to be migrated to the latest Flutter 3.7 platform. I contributed by conducting a competitive UI/UX analysis, designed a prototype in Figma, developed the home and dashboard pages and several graphs and charts, and addressed backend issues, server crashes, and data storage using Node.js and MySQL. I also helped with integration as this project is part of a larger Diabetes Self-Management Platform, which includes a Middleware and a Clinician Web App.

Personal Project - Mobile and Web Application   KOTLIN | VUE.JS | FIREBASE

Planned and designed a user-friendly web and mobile recipe book app using Adobe XD. Developed the app, leveraging Firebase for robust CRUD functionality and user authentication. For the web version, employed Vue.js, Bootstrap, and Tailwind for responsive design. On the mobile front, used Kotlin and Android Studio to ensure an intuitive user experience.

REFERENCES

Dr. Man F Lau
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