

## **Professional Summary**

Motivated Computer Science graduate student with a strong foundation in software development, data management, and an eagerness to learn and adapt. Proficient in Python and familiar with designing, analyzing, and debugging code. Passionate about contributing to innovative projects and empowering users with efficient data solutions. Seeking to leverage technical skills and collaborative mindset as an intern at MongoDB, working on GenAI projects that drive impactful change.

## **Experience**

### **WebDeveloper - Techit (HTML5, CSS3, Python, Node.js, Javascript, AWS Lamda, S3, DynmoDB)**

Mar 2023 - Aug 2023

- Designed and developed responsive web applications, contributing to both front-end and back-end development.
- Integrated AWS services to create scalable, secure data storage solutions, ensuring efficient server-side operations.
- Worked closely with cross-functional teams to deliver high-performance, user-centric applications.

### **Freelance Web Developer - Freelance(HTML5, CSS3, Javascript and JQuery CDN)**

Jun 2024 - Current

- Developed and deployed two client websites using Firebase for CRUD operations, Authentication, and Realtime Database.
- Managed full-stack development, ensuring secure authentication and responsive, user-friendly interfaces.
- Delivered high-quality projects from concept to deployment with continuous client engagement.

## **Project Based Experience**

### **ShirtGPT – Startup Project (HTML5, CSS3, Javascript, Node.js, Swipe, AWS, OpenAI and DALL-E)**

Jan 2024 - Current

- Built an interactive platform from scratch to allow users to transform text into images using OpenAI and print them on clothing.
- Designed the solution architecture to avoid third-party integrations like Shopify, optimizing cost and performance.

### **Ezbill Vision– Group Project (Dart, Node.js, Python, Firebase services)**

Mar 2023 - Jun 2023

- Developed an IoT-powered Android application to manage and split tenant bills accurately.
- Implemented key features like group creation, bill updates, Stripe payment integration, and group messaging.
- Contributed to an IoT-powered Android application that manages shared tenant bills, capable of supporting multiple user groups with real-time data synchronization.
- Developed features ensuring secure payment processing through Stripe API, enhancing user experience and data security.

### **Chrome Extension – Individual Project(Javascript, HTML, CSS, JQuery CDN, Chrome Api)**

Sep 2024 - Sep 2024

- Developed a Chrome extension to store and display active browser tabs, providing users with seamless access to their open sessions.
- Implemented efficient tab management functionality using JavaScript, enabling users to easily save, display, and manage their sessions.
- Optimized the extension for performance, ensuring minimal memory usage and fast tab retrieval.
- Developed a Chrome extension for efficient browser tab management, allowing users to store and retrieve active tabs, improving user workflow and efficiency.
- Optimized performance for minimal resource usage, resulting in a 30% faster retrieval time.

### **Instrument Calibration Tracker – Individual Project(Node.js, Firebase services, Html & CSS3, Vanilla)**

Aug

2022 - Jan 2023

- Created a web platform to track equipment calibration schedules, notifying technicians about upcoming calibrations.
- Integrated a secure two-factor authentication system for enhanced user security and implemented admin control features.

- Created a backend system to track equipment calibration schedules, integrating notifications to ensure timely compliance, supporting hundreds of devices.
- Implemented a secure two-factor authentication system, enhancing user security and data integrity.

## **Education**

### **Master of Computer Science**

Feb 2021 - Nov 2023

Adelaide University, Adelaide, SA

### **Bachelor of Information Technology**

Feb 2018 - Nov 2020

Adelaide University, Adelaide, SA

## **Technologies and Soft Skills**

- **Languages:** C++, Java, Python, JavaScript, Dart, HTML5, CSS3, Vue, React, Vanilla, Flutter.
- **Frameworks & Libraries:** Node.js, jQuery, Firebase, OpenAI, AWS Lambda
- **Tools & Services:** Apache Kafka, AWS (Lambda, S3, DynamoDB), Stripe API, Firebase
- **Concepts:** Object-Oriented Programming (OOP), Machine Learning (NLP & CNN), Android Development
- **Version Control:** Git, GitHub

## **Extracurricular Activities**

### **Competitive Programming Club, UniHack and Leetcode**

Feb 2021 - Current

- Actively participated in coding events like ICPC Regionals and ANZAC rounds.
- Gained proficiency in advanced algorithms, data structures, and teamwork through various competitive programming challenges.