Udit Malshe
Software Developer

Melbourne, VIC

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Purpose

A versatile and proactive software enthusiast, excelling in dynamic team environments. My keen ability to **adapt** to evolving challenges and my ever-growing hunger for learning set me apart. I thrive on **social** interactions like attending code nights and meet-ups, bringing not only strong technical skills but also a **collaborative** and engaging presence to any project. With my deep understanding of web and app development, I am poised to make a significant and unique contribution to the field of software development.

Experience

Full-stack Developer | Freelance | Apr 2024 - Present | Full-Time(Contract)

Tech Stack: AWS, React JS, Django, NodeJS, Firebase, Tailwind CSS.

- Designed and developed dynamic web applications using variant frameworks to create responsive and user-friendly interfaces and used AWS as cloud infrastructure.
- Implemented Agile methodologies, including Scrum, to enhance collaboration, streamline project management, and deliver high-quality solutions on time.
- Engaged with clients to understand requirements, provide technical recommendations, and deliver customised solutions that meet their business needs.

Web Developer | RISC RMIT | March 2024 - Present

Tech Stack: Node JS, React JS, Bootstrap.

- Developed a website for the Cybersecurity club at RMIT.
- Collaborate with team members using version control systems such as Git to manage code changes efficiently.
- Employed frameworks to ensure the website's functionality, responsiveness, and security. Participate in regular meetings to discuss project progress, brainstorm ideas, and address any challenges that arise during development.

Key Skills

<u>Web development</u> **:** Node JS, Next JS, **React JS,** Tailwind.

<u>CI / CD</u>**:** GitHub Actions, **Git,** Docker.

<u>Key Programming Languages</u>**:** Python, **Javascript,** Java.

<u>App Development</u>**: React Native, Swift** (iOS, iPadOS), **SwiftUI,** UIKit, WidgetKit, CoreData.

<u>Backend Development</u> **: API development**, REST API, Spring, Spring-boot, Axios.

<u>Cloud</u> **: AWS** (EC2, Beanstalk, DynamoDB, API Gateway, S3, Lambda), GCP (Cloud Run).

<u>Others</u> **: Communication**, Collaboration, **Agile Development**, Problem Solving, Object Oriented Programming(OOP), JUnit, **Kali Linux**, MySQL, MVC, MV, MVVM, **Smart-Contracts,** C++.

Education and Academic Honours

Bachelor of Computer Science | 2022-Present | Royal Melbourne Institute Of Technology, Melbourne

Major: Computer Science

Achievements

2nd Prize in CodeQuest 2023 : Secured the 2nd position in CodeQuest 2023, a prestigious coding competition that involved a game of competing on various maps. During the competition, I leveraged my expertise in Python programming. To enhance the bot's capabilities, we used the CQ23 library, which facilitated smooth communication between my code and the game server through JSON messages. This achievement not only demonstrates my proficiency in software development but also showcases my strategic thinking and problem-solving abilities in a competitive environment.

Tech Stack: Python, CQ23, Docker.

Projects

Superprice : A dynamic grocery shopping website, enabling users to effortlessly compare item prices across various stores, ultimately helping them save money. Beyond showcasing my technical skills, this project shows my ability to collaborate effectively within a team and introduced me to agile development methodologies, CI/CD processes, and the intricacies of Scrum and Sprint practices. Repository link.

Tech stack: Spring Boot, React JS, AWS Beanstalk, AWS EC2, Docker, JWT, MySQL, Bootstrap, CI, Git.

PumpBuddy : Designed and built an engaging iOS app with SwiftUI, specifically tailored for users seeking to track their workouts and achieve their desired weight goals. This app empowers users to add new workouts, access preset workout routines for on-the-go fitness, and visualise their weight progress through intuitive graphical representations. This project not only highlights my advanced Swift skills but also reflects my creative approach to crafting user-friendly and interactive mobile applications.

Tech stack: Swift, SwitfUI, CoreData, XCTests, WidgetKit, UIKit, Git, .

Volunteering

Organising Committee Member
Google Developer Student Club RMIT | Dec 2023 - Present

Vice President
RMIT Information Security Collective | Nov 2023 - Present

Community
Google Development Group (GDG) HackNights, AI Camp Melbourne, Melbourne CocoaHeads

Hobbies & Interests

Enjoy watching soccer and cricket and keeping up with the latest matches and scores. In my free time, I also indulge in gaming on console. Swimming and hitting the gym are also a vital part of my routine, allowing me to stay physically active and maintain a healthy lifestyle. These hobbies reflect my commitment to discipline, perseverance, and a competitive spirit that I bring to all aspects of my life.

References

Available upon request.

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