Pakshal Mahavir Ranawat

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University of Texas at Arlington

Arlington, Texas

Master of Science in Computer Science, GPA: 4.0/40

08/2023 - Present

Coursework: Analysis of Algorithms, Computer Networks, Software Engineering, Cloud Computing and Big Data.

University of Mumbai

Mumbai, India

Bachelor of Engineering in Computer Engineering, GPA: 9.78/10.0

08/2018 - 05/2022

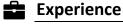
Coursework: Data Structures, Operating Systems, Database System, Data Mining, Java, Python.



Skills

Languages : C, C++, C#, Python, Java, JavaScript, TypeScript, MySQL.

Frameworks: Node, React, React Native, Bootstrap, Flutter, Selenium, Power Apps, Power Automate, MongoDB **Developer Tools**: Android Studio, GitHub, Unity, Xampp, Linux, Figma, Visual Studio Code, Postman, Canva, Jira



Link Group Mumbai, India

Technical Tester 07/2022 – 07/2023

- Created automated test suites for unit testing using JUnit, Java, and Selenium, decreasing manual effort in bug detection by 50%.

- Strategized Jenkins for CI/CD automation, streamlining the testing process and generating weekly reports.

- Created an employee Time Portal using Power Apps, Power Automate improving time tracking efficiency by 30%.

Shantighar Social Service Society

Mumbai, India

Web Development Intern

10/2021 -12/2021

- Designed a web application using HTML, CSS and JavaScript for battered women and children in crisis.
- Utilized best practices to ensure cross-browser compatibility and performance, improving responsiveness.

YWCA of Bombay Mumbai, India

App Development Intern

11/2020 – 10/2021

- Developed a mobile application using Flutter and Dart Framework. Used Firebase to manage user inputted data.
- Enhanced user experience by 40% and Optimized API performance by 30% compared to the previous app.

DBIT Placement Cell

Mumbai, India 03/2021 – 05/2021

Web Development Intern

- Developed a responsive website using HTML, CSS, and JavaScript, improving page speed by 80%.
- Executed SEO strategies to boost website visibility and Google search rankings.



Projects

Event Hunt 08/2024 – 10/2024

- Developed a React-based event booking platform using MongoDB, Express.js and Node.js improving event registration efficiency by 25%.

Study Nest 08/2024 – 11/2024

- Built a React Native app using TypeScript integrated with Firebase, optimizing study group formation and management, improving academic performance and peer-network building.

ASTA 08/2021 – 04/2022

- Engineered a pipeline model that summarizes a pdf into Devnagari Text and converts it into an audio file.
- Implemented it using NLP for text translation and RNN model for text-to-audio translation.

Holesync and Shooty Balls

11/2019 - 04/2020 | 11/2020 - 04/2021

- Collaborated with a team of two to develop two Android games using Unity3D Game Engine, launching them on the Google Play Store, which engaged more than 400 users.

Job Board Platform 08/2020 – 11/2020

- Created a job board platform using PHP, HTML, CSS, and MariaDB, where companies post jobs and applicants submit resumes, including user authentication and resume file upload functionality.



Achievements and Certifications

Scrum Master Certificate

Best UI Design - HACKUTA 2023 (Hackathon)

Best Concept Game (Holesync) – TEKNACK 2019–2020

Technical Excellence Student for Academic Year (2018–2022)

Meta Front-End Developer