

RAHUL PATIL

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EDUCATION

University of Manchester

MSc Advanced Computer Science

Coursework: Modelling data on the web, Cryptography, Querying data on the web, Cyber security

Sept 2023 — Expected: Sept 2024

Manchester, UK

University of Mumbai

Bachelor of Engineering, IT

Classification: First Class Honours

Final Year Project: Video-Calling Web-App using WebRTC, React and Firebase

May 2018 — May 2022

Mumbai, India

EXPERIENCE

Hexaware Technologies (Full Time)

Associate Software Engineer

Chennai, India

May 2022 - April 2023

- Collaboratively led a dynamic team of 5 in the creation and launch of an efficient leave management system, while also enhancing user engagement and reducing bounce rates through the implementation of innovative features in React.
- Demonstrated exceptional performance in an agile setup, consistently surpassing management expectations, and significantly improved system performance by optimizing databases using MySQL and MSSQL.

GTLB Infotech (Internship)

Machine Learning Intern

Remote

June 2021 – August 2021

- Independently developed an 89% accurate ML model for heart disease prediction in patients, built a user-friendly app, exceeded client expectations, and received positive feedback.

iFuture Technologies (Internship)

Project Management Intern

Mumbai, India

August 2019 – September 2019

- Managed 15 concurrent projects in both the claim processing and HR recruitment systems using Jira, resulting in a 30% increase in project completion rate and a 25% reduction in turnaround time.

Trivia Software (Internship)

Software Development Intern

Mumbai, India

June 2019 – August 2019

- Programmed a scalable student management application using Java, MySQL, Hibernate, and Java Swing, delivering high-quality code within a tight timeline.

PROJECTS

Portfolio

Project Link: <https://rahul3355.netlify.app/>

- The development of a developer portfolio in React emphasized a focus on modern web development, resulting in a modular, responsive user interface with a component-based architecture. The use of the React Context API for data management and dynamic content generation showcased proficiency in web application development.

Video Calling Web App using WebRTC

Project Link: <https://github.com/rahul3355/vcapp>

- Developed a robust video calling web application using React, WebRTC, and Firebase, demonstrating expertise in real-time communication and data synchronization.
- Designed an intuitive user interface, harnessed WebRTC for high-quality video streaming, and utilized Firebase for signaling servers, signaling, and data management, showcasing proficiency in cutting-edge web technologies.

SKILLS & INTERESTS

- **Technical Skills::** React, Angular, JavaScript, Python, Data Structures and Algorithm, System Design, Java, Machine Learning, ASP.NET Core, REST APIs, Postman, MySQL, Firebase, Git and GitHub, MS Office, MSSQL, HTML, CSS, Node.js, C#, Azure, Android, XML, Linux, Bootstrap, Unit testing.
- **Soft Skills:** Problem-solving, Critical Thinking, Adaptability, Communication, Teamwork, Time management, Leadership.
- **Certifications:** Microsoft Certified: Azure AZ-900, NVIDIA Certified: Building Video AI Applications at the Edge on Jetson Nano.
- **Extracurricular:** Built a personal brand on LinkedIn with 12,000+ followers by publishing high-quality React content, President of Chess Club, Social Media Executive of Entrepreneurship Society.
- **Interests:** AI Tools, Prompt Engineering, ChatGPT, Midjourney, Reading non-fiction books, Entrepreneurship, Chess, Football, Gym.