

# RAHUL PATIL

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## EDUCATION

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### 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

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### Hexaware Technologies (Full Time)

Associate Software Engineer

Chennai, India

May 2023 - April 2024

- 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

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### 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

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- **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.