

Niraj Kishan Rawat

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Visa to work in UK until February 2027 | Open to Relocation

A software developer with professional experience in JavaScript and TypeScript and certification in MERN stack development. Proficient in designing, developing, deploying, and testing web applications; skilled in securing applications by implementing user authentication and access control with JWT tokens and hashing user data using bcrypt.js. Capable of collaborating in teams, managing project timelines and good at problem-solving, communication, and adapting skills. Possess excellent communication, leadership, and adaptability skills to streamline development processes and enhance project outcomes. I am eager to use my skills to encourage innovation, enhance application performance, and be an important asset to the organisation.

Skills

Languages JavaScript, Typescript, Python, Java and MERN stack.

Development Node.js, React, MySQL, MongoDB, HTML, CSS, Bootstrap, jQuery, Express.js, Redux, GitHub, Framer Motion, Socket.IO and Figma.

Soft Skills Problem Solving, Communication skills, Time Management, Collaborative team player.

Tools Microsoft Project, Excel, AWS, Git, Docker, Docker Compose, Agile methodologies, AWS, Heroku, JWT, and OAuth.

Experience

Analyst

August 2021- June 2023

Merkle – A Dentsu Company

- Worked also as **project manager**, responsible for **managing projects from start to end** while collaborating with clients.
- **Managed all teams** that were part of the project and **delivered the desired result** that helped the client with their decision-making.
- Collaborated with the **scripting team, QA team, DP team, and report writing team for over 40 projects** ensuring **98% project delivery** within deadlines and **within budget**.
- Programmed questionnaire to responsive **web-survey using market research tools**, ensuring data accuracy and integrity.
- Performed data checks using SQL queries on survey data stored in **IBM SPSS Database**, achieving **100% data accuracy**.
- Led early turnarounds and complex projects with tight deadlines, customising setups and incorporating client changes, resulting in a **25% increase in client satisfaction**.

Junior Backend Developer (Internship)

May 2020- Aug 2021

Salt Tech Software Services

- Developed a Zoom meeting clone using **Node.js** and **Express** for the backend server and **Socket.IO** for real-time communication.
- Created **RESTful APIs** to handle various functionalities, improving server response time.
- Maintained an organised folder structure for scalable application development, enhancing **code maintainability**.
- Collaborated with designers and project managers to translate requirements into **functional** and **appealing interfaces**.
- Actively learned and applied new technologies to improve project outcomes.

Education

Cardiff University (Prifysgol Caerdydd)

Dec 2024

Master's in Computing and IT Management

Mumbai University – Mumbai, India

July 2021

Bachelor of Engineering: Computer Science

Certifications

- Coding Ninja - "Career Camp: Data Structures in Python"
- Udemy - "The Complete 2021 Web Development Bootcamp (MERN stack)"

Projects

ReDevelop (eCommerce Application)

- Developed **ReDevelop**, an eCommerce platform for buying and selling reusable building materials from demolished structures.
- Implemented features like **user authentication**, **product and category management**, and a **responsive shopping cart**.
- Utilised **React** for the frontend and **Node.js** with **MongoDB** for the backend and used **Postman** for the testing APIs.
- Secured user authentication using **JWT-based authentication with role-based access control**, ensuring only authorised users can access admin functionalities.
- Implemented **token expiry** and refresh mechanisms to enhance security, prevent unauthorised access, and protect user sessions.

FoodFully (Food Donation Application)

- Developed FoodFully application using **Node.js** and **Express server**, leveraging **Typescript** for better type-checking and Maintainability.
- Built the **user interface** using **React**, state management with **Redux**, and handled asynchronous actions with **Redux-Saga**.
- Managed the **database** with **MongoDB** and created **RESTful APIs** to connect the frontend and backend seamlessly.
- Set up the development environment using **Docker** and **Docker Compose**, ensuring consistent and efficient workflows.

Activites

Red Hat Academy Student Ambassador - Cardiff University

- **Organised and hosted events** to promote Red Hat technologies and open-source software among students.
- **Engaged with students and team members** to spread awareness about Red Hat certification, tools, and industry trends.
- Developed **leadership**, **communication**, and **presentation skills** by mentoring peers and talks on open-source technologies.

Achievements

- **Pencak Silat**: An Indonesian Martial Arts, mostly played in Southeast Asia, combination of striking, grappling and throwing your opponent.
 - Achieved bronze medal at 6th Asian Pencak Silat Championship 2019.
 - Participant at 18th World Pencak Silat Championship 2018.
- **School Games Federation of India (SGFI)**
 - Won gold medal at School Games Federation of India 2015.
 - Won silver medal at School Games Federation of India 2016.