

Niraj Kishan Rawat

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

A graduate 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 and good at problem-solving, communication, and adapting skills. I am eager to use my skills to encourage innovation, enhance application performance, and be an important asset to Bipsync.

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

- Programmed questionnaire to responsive **web-survey using market research tools**, ensuring data accuracy and integrity.
- Specialised in front-end development for Confrimit Forsta, customising and updating survey web templates using **JavaScript and CSS**.
- Managed **end-to-end communication** with project managers, QA team, and data processing team for over **40 projects**.
- Handled staging, development, deployment, and production, ensuring **98% project delivery** within deadlines.
- 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 2021- 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)

Sept 2023 - Present

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.