Usama Javed

Software Engineer

✉ devbyusama007@gmail.com   📞 0313-4949510   📍 Lahore, Pakistan   in USAMA JAVED

👤 PROFILE

Full-stack software engineer with almost 2+ years of experience building robust web applications using MERN stack and Ruby on Rails . Proficient in developing both front-end and back-end components. Skilled in (React.js, Node.js, MongoDB, SQL/MySQL, Firebase, RESTful APIs, database design). Passionate about crafting user-centric and efficient software solutions.

💼 PROFESSIONAL EXPERIENCE

Software Engineer   02/2024 – present
*Dubizzle Labs*

- **Automated** car ad posting process on the Dubizzle ⧉ platform through our CRM, **slashing ad posting costs by 50%** and **reducing** posting time from **7-8 minutes to 1 minute**.
- Architected a sophisticated preference module that automatically analyzed customer preferences, matched them with inventory, and seamlessly integrated with an email module for targeted marketing. This innovative initiative drove a remarkable **$3 million USD business growth**.
- Collaborated with the Product Team to formulate strategies for future releases, prioritizing features in the backlog and achieving a **20% reduction** in release cycle time.
- **Communicated** and worked directly with the Dubai-based Dubizzle team to integrate APIs, **improving** data synchronization **efficiency by 40%**.
- Identified and resolved performance bottlenecks in response to a **50% increase in customer load**, employing optimization techniques like caching, indexing, and eager loading.
  - Achieved a **40% reduction in response times**.
  - Conducted detailed analysis to optimize heavy queries, resulting in a **60% improvement** in query efficiency.
  - Restructured APIs to **decrease response times by 50%**.
  - Aligned frontend with API enhancements, culminating in a boost in application speed and responsiveness.

Associate Software Engineer   07/2023 – 02/2024
Dubizzle Labs

- Collaborated with a cross-functional team to develop a multi-tenant CRM (Carforce) for managing car auctions and client relationships, serving major clients such as OLX, Kaidee, and Dubizzle Cars.
- Engineered an efficient key mapping solution between Carforce and the external system Dubizzle, reducing reliance on external APIs and **boosting performance of dependent modules by 70%**.
- Introduced the Auction module of Dubizzle Cars ⧉ using Firebase, enhancing real-time functionality and reducing **processing time by 60%,** while ensuring data security through Firebase security rules.

Trainee Software Engineer   07/2022 – 07/2023
Innovaxel

- Developed and maintained robust web applications using the MERN stack (MongoDB, Express.js, React, Node.js), ensuring high performance and responsiveness.
- Engineered RESTful APIs and integrated third-party services using Node.js and Express for seamless communication between multiple systems.
- Implemented user authentication and authorization systems using JWT (JSON Web Tokens) and Firebase Auth, enhancing security for user management.
- Utilized React hooks, Context API, and Redux for efficient state management, resulting in improved frontend performance and code reusability.

Freelancer   01/2021 – present
Upwork/Fiverr

- Served 5+ clients, delivered custom web applications, ensuring client satisfaction and maintaining a high rating.

🎓 EDUCATION

Bachelors in Software Engineering (BSSE)   2019 – 2023 | Lahore, Pakistan
Punjab University College of Information and Technology (PUCIT)
CGPA: 3.5

🧠 SKILLS

JavaScript, Node.js, Express.js, React.js (Hooks, Context API, Redux), MongoDB, Mongoose, HTML5/CSS3 (Tailwind CSS, Bootstrap), SQL/MySQL, RESTful API development, AWS/Heroku , CI/CD (GitHub Actions), Git/GitHub, Firebase, Netlify, JWT, Jest, React Testing Library ,Sidekiq, Redis, Elastic Search.

📁 PROJECTS

Carforce ⧉
- Built an multi-tenant CRM system to streamline the management of car inspections, buying and selling of cars, customer interactions, and car auctions.
- **Technologies Used:** Node.js, Express.js, React.js, MySQL, RESTful APIs, Firebase for real-time auction of car.

OLX Motors ⧉
- Contributed to the development of OLX Motors, a platform dedicated to buying and selling vehicles.
- Implemented features to enhance user experience, facilitate vehicle listings, and streamline the purchasing process.
- **Technologies Used:** Javascript, React.js, Node.js, Express.js, MySQL, RESTful APIs, Docker, AWS.

FlixGenie - Netflix Clone with AI-Based Recommendations ⧉
- Developed FlixGenie, an entertainment-focused Netflix clone, featuring user authentication, content browsing, and streaming capabilities.
- Integrated AI-based recommendations to provide personalized content suggestions, enhancing user experience and engagement.
Technologies Used: React.js, Redux, TailwindCSS, Firebase, ChatGPT APIs.

E-Stamp Verification System
Final Year Project
- The E-Stamp Verification System is an innovative solution developed to authenticate public E-Stamps using blockchain technology.
- The project aims to provide a secure, tamper-proof, and automated method for verifying the legitimacy of E-Stamps, leveraging the decentralized nature of blockchain to ensure transparency and trust.
- **Technologies Used:** React.js, Node.js, Express.js, Multer, Socket.io, Solidity, Ethereum.

Foodie
- Developed a food ordering web app similar to Foodpanda for a client. The app enables users to browse restaurants, view menus and placing orders. Designed with a user-friendly interface and robust backend.
- **Technologies Used:** React.js, Node.js, Express.js, MySQL,RESTful APIs, Docker, AWS.