

# Husnain Raza

Full Stack Engineer

✉ hussnainrezamir72@gmail.com ☎ +923113091372 📍 Islamabad, Pakistan

🌐 linkedin.com/in/husnain-raza-944a38212 🐙 github.com/Husnain-Raza313

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## PROFILE

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I'm a Full-Stack Developer with 2+ years experience and expertise in React.js, Express.js, Node.js, RoR, SQL, and MongoDB. I specialize in architecting scalable solutions, resolving complex technical issues, and optimizing system performance. I like to keep up with new tech, come up with new ideas, and make sure everyone's talking to each other well, all of which helps the company do better by working together.

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## WORK EXPERIENCE

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### Software Engineer

Devsinc

05/2023 – present  
Islamabad, Pakistan

- Engineered code that is meticulously optimized, easily maintainable, and aligns with industry best practices, reducing bug occurrence by 30%.
- Proficiently operated with both relational and non-relational databases, including MongoDB, SQL, and Postgres, managing over 1 million records.
- Optimized application performance by implementing caching, code refactoring, and optimizing database queries, resulting in a 20% increase in overall performance.
- Authored 100+ unit test cases and integration tests using Mocha and Jest, ensuring robust code quality with 95% test coverage.
- Actively participated in the software development lifecycle, from requirement analysis to deployment, ensuring timely delivery of projects.
- Mentored junior developers and co-workers, helping to build a strong cohesive team, and collaborated with cross-functional teams to ensure successful delivery of projects.
- Reviewed 100+ Pull Requests, ensuring code quality, apt complexity, and coverage of edge cases and errors.

### Associate Software Engineer

Devsinc

03/2022 – 05/2023  
Islamabad, Pakistan

- Assisted in the design and development of new features and enhancements, utilizing various technologies.
- Conducted thorough testing and debugging of software components to identify and resolve issues, ensuring optimal performance and functionality.
- Demonstrated strong problem-solving skills and attention to detail, contributing to the identification and implementation of effective solutions to technical challenges.
- Designed and developed RESTful APIs using ExpressJS to support frontend functionalities, ensuring seamless data flow between the client and server.
- Developed and maintained React.js frontend applications using various libraries such as Redux (thunk), Formik, Bootstrap, Material UI and TailwindCSS
- Collaborated with UX/UI designers to translate figma designs and prototypes into high-quality code.

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## SKILLS

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### Tools and Frameworks:

- *Client Side:* React.js, Next.js, Redux , Material UI, Bootstrap, Tailwind
- *Server Side:* Node.js, Express.js, Nest.js, RoR, Mongoose, Sequelize, Docker
- Databases: MongoDB, SQLite / PostgreSQL / MySQL
- Testing Tools: Jest, Rspec, Minitest
- Other Tools: Postman, CI/CD, Github Actions, Redis, ElasticSearch

### Project Management Tools

GitHub, Git, JIRA, Trello

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## PROJECTS

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### Moore Exotics

*Technologies: Express.js, Redux.js, Docker, AWS, React.js, MUI, CI/CD, Payment Gateways, SSO.*

The platform is built with Node.js and React.js. Users can buy, sell, and adopt exotic animals through detailed listings. An admin dashboard is available for efficient management of the platform. The marketplace ensures a responsive design for optimal user experience on various devices.

- Designed the ERD and DB schema and developed the backend using Express.js framework, facilitating seamless data management and system architecture.
- Enabled seamless login and registration by integrating Single Sign-On (SSO) with social media and third-party accounts.
- Incorporated Stripe payment gateway for secure and convenient transactions, offering multiple payment options.
- Integrated Twilio API to enable in-platform chat functionality, facilitating direct communication between buyers and sellers.

### Biomark

*Technology: React.js, Redux, Formik, Node.js, Express.js, Sequelize, Postgresql*

A healthcare project which had multiple platforms: A Lab Platform, Doctor's Platform, Patient's App, Rider's App etc. It was all about facilitating healthcare providers/clinics etc in collecting, delivering and testing patient's specimens.

- Developed and maintained a responsive and user-friendly Lab Platform frontend using ReactJS, Redux(thunk), and MaterialUI.
- Implemented Formik for dynamic forms and React Infinite Scrolling for efficient data handling.
- Designed and developed RESTful APIs with ExpressJS, optimizing database interactions for efficient data retrieval and storage using Sequelize ORM.
- Incorporated Redis for caching and Elasticsearch for advanced search capabilities in the backend, significantly enhancing performance and search functionality.
- Collaborated with cross-functional teams, including QA engineers, and product managers, to ensure high code quality.

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## EDUCATION

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### Bachelor of Software Engineering

2018 – 2022

*National University of Sciences and Technology*

CGPA: 3.42

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## CERTIFICATES

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- Machine Learning A-Z™:  
Hands-On Python & R In Data  
Science (Udemy) 