

Mirza Zain Baig

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Portfolio Website

Valid Saudi Driving License Holder

Education

B.Tech in Computer Science

Graduated May 2022 KLE Technological University, Hubli, Karnataka

Work Experience

Backend Developer, Orbit Tech Cloud Solutions, Hubli, Karnataka

June 2023 - Present

- Developed and maintained RESTful APIs using Node.js and Express.js for scalable applications.
- Designed and optimized MongoDB schemas, indexes, and queries to improve performance and efficiency.
- Implemented authentication and authorization mechanisms using JWT and session-based authentication.
- Integrated third-party APIs and built microservice architecture to enhance application modularity.

Junior Developer, Orbit Tech Cloud Solutions, Hubli, Karnataka

May 2022 - June 2023

- Assisted in designing and developing backend APIs using Node.js, Express.js, and MongoDB.
- Enhanced system efficiency by optimizing database queries and refactoring code structures.
- Implemented logging and exception handling mechanisms for better debugging and maintenance.
- Worked with DevOps teams to automate deployment and ensure smooth CI/CD processes.

Projects

BeeBuy

- Developed a full-stack e-Commerce platform with back-end services using Node.js and Express.js.
- Implemented a scalable MongoDB database to store product details, orders, and user data.
- Created a custom admin dashboard for order management, inventory tracking, and analytics.
- Integrated secure payment gateways and user authentication using JWT.

Technologies Used: Node.js, Express.js, MongoDB

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- Built an on-demand home services platform with backend functionalities using Node.js and Express.js.
- Designed a MongoDB database structure for user profiles, bookings, and service provider details.
- Developed secure login, user authentication, and role-based access control.
- Created an admin dashboard for real-time monitoring of service requests and transactions.

Technologies Used: Node.js, Express.js, MongoDB

Certifications

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|---|------------|
| AI 900: Microsoft Azure AI Fundamentals | Nov 2023 |
| Introduction to Software Testing | May 2023 |
| Introduction to Probability and Data with R | Nov 2020 |
| Certified Java Full Stack Developer | April 2023 |
| Linear Regression and Modeling | June 2020 |

Skills

- Backend: Node.js, Express.js, RESTful APIs, Microservices
- Frontend: HTML, CSS, JavaScript
- Databases: MongoDB (Schema Design, Indexing, Query Optimization, Aggregation)
- Authentication Authorization: JWT, OAuth, Session Management
- Application Logs Exception Handling: Log Management, Error Tracking
- DevOps: CI/CD, Git, Docker (Basic), Deployment Automation
- Problem-Solving: Data Structures, Algorithms