

Mirza Zain Baig

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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

NeoDeals

- 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
- 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