

# AZEEM BASHIR

## Backend Developer | Node.js, Express & MongoDB

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## PROFESSIONAL SUMMARY

Self-motivated Backend Developer with strong foundations in **Node.js**, **Express.js**, **MongoDB**, and **RESTful APIs**. Proven ability to build secure, scalable backend systems and dynamic frontend applications. Experienced in full project lifecycles, from design to deployment. Strong team player with a focus on clean code, responsiveness, and performance.

## EDUCATION

**BS COMPUTER SCIENCE**  
**University Of Karachi (UBIT)**

📅 February 2021 - January 2025

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS, C, C++

**Frameworks & Libraries:** Node.js, Express, React, Bootstrap.

**Databases:** MongoDB, Firebase, Supabase

**Tools:** Git, GitHub, Postman, MongoDB Atlas,  
Canva, Agile Methodologies

**Soft Skills:** Communication, Problem-Solving, Debugging

## PROJECTS

### Voting App (Node.js, Express.js, MongoDB)

- Engineered a secure, role-based voting system with **JWT authentication**, enabling only admins to manage elections and candidates.
- Developed 5+ **RESTful APIs** for registration, vote casting, and result retrieval, reducing manual vote tallying to 0.
- Ensured 100% data integrity and security via **middleware**-based access control.

### Restaurant Management API

- Built a **RESTful API** to manage dynamic restaurant menus, supporting full **CRUD** operations.
- Enabled real-time role-based access control for admins and users, improving data handling speed by 60%.
- Reduced backend latency by optimizing route structure and **MongoDB** queries.

### Notes App

- Created a **JWT-authenticated** notes platform where users can securely manage their notes.
- Designed protected endpoints with **Express** middleware to prevent unauthorized access.

## EXPERIENCE

### Frontend Development Intern Mar 2023 - June 2023 (Logicad.io)

- Developed responsive and user-friendly web interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility.
- Collaborated with the development team to implement UI components and improve website performance and design consistency.

### Frontend Internship Projects Jan 2024 - Apr 2024 (Prodigy / Gen Z Soft)

- Developed and deployed 6+ responsive web apps (e.g., weather app, random color generator) using **HTML**, **CSS**, and **vanilla JS**.
- Integrated real-time **APIs** to deliver dynamic experiences, improving load times by ~40%.
- Applied **DOM manipulation** and event-driven logic to enhance interactivity and UX.

## CERTIFICATION

### Frontend Development From SMIT

- Enrolled in the Frontend Development course at SMIT, gaining hands-on experience in **HTML**, **CSS**, **JavaScript**, and modern frameworks.
- Developing real-world projects, enhancing frontend development skills, responsiveness, and user experience optimization.

### Backend Development From Coursera

- Learned to build real-world REST APIs using **Node.js**, **Express**, and **MongoDB** through hands-on Coursera projects.
- Gained practical skills in backend logic, **routing**, and database operations with a focus on clean and efficient code.