



# Azaz Mohammad

[LinkedIn](#) [Github](#) [Portfolio](#)

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## Summary

Software Developer with hands-on experience building scalable real-time applications, secure backend systems, and high-performance dashboards. Strong expertise in Node.js, Express.js, and MongoDB, SQL and React.js with proven ability to design REST APIs, WebSocket-based communication, and optimized database structures. Capable of working on hardware-integrated microcontroller projects using Arduino, sensors, and embedded logic.

• Profile:	Male, 26, Single
• Passport No:	W1176922
• Nationality:	India
• Current Location:	India
• Current Position:	Backend Developer
• Company:	Appzillians Pvt. Ltd , Tsui Tech Solution LLP (Reporting to: Senior Software Engineer)
• Current Company:	Dynamics Hooqx Digital Services Pvt. Ltd (Reporting to: Senior Software Engineer)
• Notice period:	Available immediately

## Work Experience

### Backend Developer | Dynamics Hooqx Digital Services Pvt. Ltd.

Oct. 2025 - Present

#### GMI Grocery Delivery & Distribution System | Node.js, Express.js and MongoDB

- GMI is a UAE-based food distribution and grocery delivery system that manages thousands of customer orders daily using digital tools for inventory, routing, and warehouse operations.
- Developed and maintained scalable backend services for GMI's food distribution platform, supporting 10,000+ active UAE customer accounts with real-time order processing and optimized delivery workflows.
- Built and integrated RESTful APIs for inventory, pricing, warehouse management, and route optimization, improving data accuracy and reducing operational delays.
- Designed and optimized MongoDB schemas and aggregation pipelines, enhancing system performance across multiwarehouse operations and temperature-controlled storage logic.
- Implemented secure authentication, role-based access control, file uploads, cron jobs, and automated attendance/HR modules, contributing to a robust digital-first ecosystem powering GMI's logistics infrastructure.

### Full Stack Developer | Tsui Tech Solution LLP.

April. 2025 - Oct.2025

#### Tsui-Attendance ([Link](#)) | Node.js, Express.js

- Engineered the backend architecture of a real-time attendance & field sales management system using Node.js and Express.js, enabling seamless tracking for on-the-go sales teams.
- Implemented secure APIs for attendance logging, sales activity management, and real-time employee location monitoring with optimized query performance and scalable design.
- Developed robust reporting modules, generating detailed attendance summaries, productivity insights, and sales activity reports to support data-driven decision making.
- Integrated authentication, validation, and error-handling workflows, ensuring high reliability, secure data access, and smooth communication between the mobile app and backend services.

#### Tsui Finance Locker ([Link](#)) | Node.js, Express.js, React.js

- Developed 30+ RESTful Node.js APIs for secure serial code generation, automated distribution workflows, and retailer account management across 500+ partners.
- Built a dynamic React.js admin panel enabling real-time code monitoring, detailed usage reports, and visual dashboards for 1M+ transactions.
- Designed optimized MySQL schemas supporting high-volume code inventories and transaction logs with 99.99% data consistency and fast retrieval.
- Implemented JWT-based authentication and role-based access control, securing login and data access for admins and retailers.

### Full Stack Developer | Appzillians

Mar. 2024 - Mar.2025

#### Tripo – Ride & Delivery Platform ([Link](#)) | Laravel, PostgreSQL, Vue.js

- Architected end-to-end ride-sharing and delivery platform that processed 10,000+ daily transactions with secure payment processing, routing, and real-time tracking, improving operational efficiency by 40%.
- Developed advanced routing, pricing, and payment processing algorithms, ensuring secure transactions, real-time ride tracking, and efficient

multi-service operations across thousands of concurrent users.

- Orchestrated end-to-end build of Tripo's backend APIs with Laravel (PHP), leading to a 40% faster response time and supporting 5,000+ concurrent users with PostgreSQL data management

Internship Experience

Full Stack Developer Intern | Appzillions Oct. 2023 - Mar.2024

Sonnet – Digital Restaurant Menu & Ordering System | Laravel, MySQL, Tailwind CSS

- Developed the backend for a digital menu system used by 2 restaurants, replacing traditional pamphlets and improving order navigation and menu updates by up to 40% in efficiency.
- Implemented secure user authentication using Laravel Sanctum, enabling role-based access control and protecting 500+ user accounts with token-based session handling.
- Executed 100+ API tests using Postman and Hoppscotch, ensuring high reliability before production deployment.

Personal Project

Student Management System (Link) | Node.js, Express.js, and MongoDB, Bootstrap Oct.2025

- Developed Student Management System using Node.js, Express.js, Bootstrap with secure JWT-based authentication.
- Implemented CRUD operations, search, filtering, pagination, profile management, and bcrypt-based password security.
- Integrated email notifications, PDF generation, and Excel export features for efficient reporting.
- Login Credential: username-azaz5, password-12345678, you can also register and login.

Project Management System (Link) | React.js, Node.js, Express.js, and PostgreSQL Nov.2025

- Developed a full-stack Project Management Platform using React.js, Node.js, Express.js, and PostgreSQL(Neon) enabling users to create organizations, manage projects, and assign tasks across teams.
- Implemented secure authentication & multi-organization management using Clerk, allowing role-based access, team invitations, and seamless user onboarding.
- Integrated automated email notifications with Inngest background jobs, sending task-assignment alerts and due-date reminders to enhance team productivity.
- Deployed the complete application on Vercel, ensuring optimized performance, scalable serverless functions, and smooth CI/CD workflow.

Arduino Ultrasonic Sensor LED Project | Embedded + Arduino UNO Aug. 2023

- Built an ultrasonic distance-based LED indicator system using Arduino UNO and HC-SR04 sensor.
- Programmed Arduino to measure distance and trigger LEDs based on range thresholds.
- Implemented real-time sensor reading logic with microsecond pulse timing.
- Used embedded C to control LED brightness and alert patterns for object detection.
- Demonstrated understanding of sensors, microcontroller I/O pins, and real-time hardware response.

WanderLust | Express.js, MongoDB, Bootstrap Aug. 2023

- Built a full-stack booking platform with session-based authentication via Passport.js, supporting secure logins for 1,000+ users.
- Implemented cloud-ready image uploads using Multer, enabling multi-file support and optimized storage for property listings.
- Designed a responsive Bootstrap UI delivering smooth performance on desktop and mobile, increasing user engagement by 35%

Education

Jun 2019 - Jul 2023 Aliah University Kolkata, India

B.Tech Computer Science and Engineering, GPA 7.38

Other Certificates

2023 B.tech Computer Science & Engineering Dr. Sk. Faruque Ahmed, India

IT Skills

- TECHNICAL SKILLS:
- **Frontend:** React.js, Vue.js, Redux, Tailwind CSS, Bootstrap
  - **Backend:** Node.js, Express.js, PHP, Laravel
  - **Databases:** MongoDB, MySQL, PostgreSQL
  - **Languages:** JavaScript (ES6+), TypeScript, Python, C, C++, Java
  - **APIs:** REST APIs, WebSockets, JWT Authentication
  - **Tools:** Git, GitHub, Postman, VS Code
  - **Other:** Real-Time Systems, Sensor Integration, Scalable Architecture, Payment Gateway Integration