Trithanka Baruah

Backend Developer (Node JS)
--Experienced Backend developer with a flair for innovation and a dedication to creating seamless user experiences.

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Experienced MERN developer with a flair for innovation and a dedication to creating seamless user experiences. I thrive on turning ideas into impactful digital experiences that resonate with users.

WORK EXPERIENCE

Senior Backend Developer
Cognitive Tech

04/2024 - Present   *Guwahati*

Achievements/Tasks
- Engineered scalable backend systems for multiple Assam **State Government entities** , powering 5+ government platforms and handling 20,000+ concurrent user interactions.
- Led performance tuning and schema optimization for API modules, reducing query latency by up to 40% and enhancing reliability for 20,000+ daily users.
- Collaborated with frontend and government department teams to deliver high-availability APIs with 99.9% uptime and robust user session management.
- Streamlined end-to-end deployment workflows with **NGINX, PM2, and Git-based CI/CD** , enabling consistent, zero-downtime rollouts for government-facing applications.

Graduate Engineer Trainee
_VOIS (Vodafone Intelligent Solution)

08/2023 - 04/2024   *Pune, Maharashtra*
Backend Developer

Achievements/Tasks
- Integrated **MongoDB** with **Nodejs** and **Express** to create a robust backend system capable of handling concurrent user requests.
- Optimized **database queries** and schema designs to enhance performance and scalability, resulting in a 50% reduction in server load.
- Participated in **code reviews** and provided constructive feedback, fostering a culture of continuous improvement and code quality.
- Participated in **Agile sprint planning** and daily stand-ups, collaborating closely with cross-functional teams to deliver features on schedule.
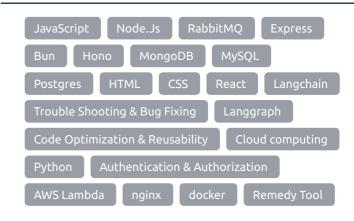
EDUCATION

B.Tech CSE
Assam Down Town University

07/2019 - 07/2023   *8.6 cgpa*

SKILLS

JavaScript   Node.Js   RabbitMQ   Express
Bun   Hono   MongoDB   MySQL
Postgres   HTML   CSS   React   Langchain
Trouble Shooting & Bug Fixing   Langgraph
Code Optimization & Reusability   Cloud computing
Python   Authentication & Authorization
AWS Lambda   nginx   docker   Remedy Tool

PERSONAL PROJECTS

Government Job Mela & Job Portal Platform (03/2024 - Present)
- Developed a full-stack portal for State Job Mela, enabling real-time registration, employer-candidate matching, and event coordination.
- Handled 10,000+ concurrent users with secure OTP-based login and admin reporting modules. along with Company login
- Integrated dynamic job filtering, applicant tracking, and role-based dashboards using Node.js and MySQL.

Published NPM Packages (03/2025 - Present)
- **api-response-wrapper** provides a standardized format for API responses in Node.js, simplifying success / error handling and metadata inclusion (500+ weekly download).
- **sql-builder** is an adapter-based SQL query builder for multiple databases (MySQL, SQLite), offering chainable methods for SELECT, INSERT, UPDATE, DELETE operations (600+ weekly downloads).

NCRP – National Candidate Registration Portal (02/2024 - Present)
- Architected a unified backend for nationwide candidate registration under the Skill Development Mission.
- Designed an identity resolution engine for eliminating registration duplication using fuzzy matching algorithms and validation pipelines across Aadhaar, phone, and email fields.
- UIDAI / e-Pramaan API integration.

HRMS – Government Department Human Resource Management System (04/2024 - Present)
- Developed an enterprise-grade HRMS platform with modular support for lifecycle tracking, automated leave approvals, and performance-based payroll provisioning.
- Built robust audit logging, hierarchical access control, and department-level MIS reporting, optimized for multi-department scalability and compliance.
- Integrated biometric devices and attendance APIs for real-time sync, with cron-driven attendance processing and exception-based rule engines.