BHARGAV PONKIYA

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EDUCATION

Parul Institute of Technology   2019 – 2023
B.Tech in Computer Science and Engineering   CGPA: 8.2

SKILLS

Languages	JavaScript, TypeScript
Frameworks	Node.js, Express.js, React.js, Redux, Next.js
Databases	PostgreSQL, MongoDB
Tools	Git, Docker, Postman, JMeter, Jira, ClickUp
Other Skills	Socket.io, Sequelize, Mongoose, Worker Threads, REST APIs

EXPERIENCE

Meditab Software – Programmer Analyst   *Dec 2022 – Present*
Ahmedabad, Gujarat

- Developed internal **MERN-based web applications** supporting QA and automation workflows.
- Built and enhanced modules such as **Flatmate**, **Wall of Fame**, and **Birthday Board** for the **Employee Management Portal** using **Node.js, Express, PostgreSQL, and React**.
- Integrated **Socket.io** for real-time tracking of automation scripts and activity updates.
- Improved database performance through **Sequelize connection pooling** and query optimization.
- Enhanced frontend efficiency using **React.memo**, **useCallback**, and Context API to reduce re-renders.
- Utilized **Worker Threads** for heavy data operations and conducted API load testing with **JMeter**.

FREELANCE PROJECTS

Dausto – E-commerce Platform   *Freelance Project*
Admin (React + Vite)   —   Client (Next.js)   —   **Backend:** TypeScript, Express, MongoDB

- Built core modules – Dashboard, SEO, Orders, Testimonials, FAQs, Wishlist.
- Implemented **Formik + Zod** validation and **MSG91 API** for OTP login.
- Fixed bugs, optimized performance, and improved product module stability.
- Collaborated in a 6-member agile team via **Jira** and **ClickUp**.

PERSONAL PROJECTS

Job Management System (Full-Stack)

- Developed a job-tracking app using **React, Node.js, Express, MongoDB**.
- Implemented **CRUD operations**, **JWT auth**, and job status tracking APIs.

E-commerce Backend API

- Created RESTful backend with **Node.js, Express, MongoDB, JWT**.
- Added aggregation pipelines and deployed on **Render**.

CERTIFICATIONS

JavaScript & Projects – Core JS and DOM by John Smilga.
Node.js, Express, MongoDB & Projects – REST API by John Smilga.

LANGUAGES

English, Gujarati, Hindi