

Parth Maha

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EDUCATION

Uka Tarsadia University

Bachelor of Technology in Computer Engineering | CGPA: 8.77

Bardoli, India

Sept 2022 - May 2026

M.P International School and Junior College

Maharashtra Board (Class XII) | Aggregate: 81%

Pune, India

May 2021 - June 2022

EXPERIENCE

SDE Intern, Emgage

React, SpringBoot, PostgreSQL

May 2025 – July 2025

Ahmedabad, India

- Developed a **HRMS onboarding portal** to streamline customer onboarding for MSME clients by automating **payroll setup** with minimal data requirements.
- Designed an **interactive dashboard** for real-time progress tracking and **missing information alerts**.
- Implemented secure **RBAC** for admin and user roles, ensuring controlled access to sensitive onboarding data and facilitating efficient **user management** during company setup.
- Designed and optimized a **normalized database schema** for **100K+ pincodes**, enabling efficient **city/state/country resolution** with **indexed queries** and improved **data retrieval performance**.

PROJECTS

Musafir | React, NodeJs, ExpressJs, MongoDB | [Live](#) [GitHub](#)

- A comprehensive website to enhance user traveling experience by suggesting travel attractions, street food, trending places and community events.
- Secure **JWT-based authentication** with integrated **OAuth** for seamless user access.
- Designed a custom prompt system with **Gemini AI** to deliver personalized travel recommendations and itinerary planning.
- Developed **user and admin modules** to support wish list management, moderate reviews, analytics and automated newsletters to enhance engagement.

QuickShare | React, Spring Boot, AWS, Docker | [Live](#) [GitHub](#)

- Designed a full-stack, cloud-native application to facilitate secure, temporary peer-to-peer file sharing with a Java backend.
- Engineered a secure cloud storage solution with **AWS S3** and metadata management via **DynamoDB** using composite primary keys.
- Containerized the Spring Boot app with a multi-stage Dockerfile and deployed on **AWS EC2**, securing endpoints with **SSL/TLS certificates** via Certbot and automated renewal scripts.
- Built a **CI/CD pipeline** to automate containerization, push Docker images to **Amazon ECR**, and deploy new versions to EC2.

Multithreaded HTTP Server | Java | [GitHub](#)

- Developed a multi-threaded TCP server in Java from the ground up, capable of handling multiple concurrent client connections efficiently using core libraries.
- Engineered a lightweight HTTP/1.1 server engine that parses incoming GET requests and serves static content (HTML, CSS, JS, etc.) from the local file system with appropriate MIME-type headers.

TECHNICAL SKILLS

Languages : C/C++, JavaScript, Java, Python

Frameworks & Libraries : ReactJs, NodeJs, ExpressJs, NextJs, Spring Boot

Tools : Git, Docker, Postman, Redis, AWS(S3, EC2, Lambda)

Databases : MySQL, PostgreSQL, MongoDB

CS Fundamentals : Data Structures & Algorithms, Object Oriented Programming, Database Management Systems