

# Parth Lakhani

Software Developer

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🔄 Parth785

## Profile

Creative Software Developer with 2+ years of experience and delivering scalable, high-performance and robust applications. Skilled in Spring MVC, Spring Boot, and Microservices, with a strong foundation in JavaScript plus Basics of Angular and an experience in Basic AI technologies. Adept at building end-to-end solutions, optimizing system performance, and delivering robust microservices-based architectures. Passionate about leveraging technology to solve complex problems in agile environments.

## Professional Experience

**Bhaskaracharya National Institute for Space Applications and Geo-informatics**

Mar 2023 – present  
Gandhinagar, India

*Software Developer*

- Designed and implemented websites for the **Indian Defence Sector** using a Spring-MVC-based architecture, increasing scalability and reducing system downtime by 30%.
- Optimized SQL queries and database schema, resulting in a 25% performance boost across critical endpoints.
- Developed a real-time analytics dashboard using Spring Boot make data-driven decisions.
- Developed GIS-based web applications to visualize and analyze spatial data, enabling enhanced decision-making and geographic insights.
- Integrated authentication protocols and secure APIs to safeguard sensitive defense data, enhancing system security.

## Education

**Gujarat Technological University**

May 2018 – Jun 2022

*Bachelor of Engineering*

Gandhinagar, India

- Graduated with a CGPA of 8.62 on a 10-point scale, demonstrating consistent academic excellence.

## Skills

- |               |              |           |                        |
|---------------|--------------|-----------|------------------------|
| • Spring Boot | • Spring MVC | • Angular | • Integrated GIS tools |
| • Javascript  | • PostgreSQL | • SCSS    | • GIT/SVN              |

## Projects

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### Finance Tracker

Mar 2025 – Present


- A full-stack finance tracker application designed to help users manage and analyze their personal finances. Built using Spring Boot for the backend and html and css for the frontend, this app allows users to track their income, expenses, and savings.
- Streamlines the process of monitoring finances, making it easier for users to stay on top of their budgets and expenses.
- Intuitive interface showcasing live financial data, trends, and analytics in dashboard.
- The final version of the application is nearing its launch, and work is actively ongoing to ensure its successful completion.

### SITUATIONAL AWARENESS MODULE FOR ARMY

- The Situational Awareness Module for Army is a live website currently deployed in **Army Data Network (ADN)**. The Geo-Spatial based website is used for marking sensors on map and detecting various activities from enemy countries.
- The more advanced technologies like geo spatial queries and the area visibility by particular sensors also has been included in data visualisation part. By marking two visible points on map, the module can create a verbal path on map so one can make strategic decision ahead.

### My Portfolio

Mar 2025 – Apr 2025

- A simple portfolio which showcases my 100% journey
- **Skills Used:** Angular, HTML, CSS, JS
- **Link:** <https://parth785.github.io/parthPortfolio/> 

## Extra Activities

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### Blogger

<https://parthcodeverse.blogspot.com/> 

### Leetcode

[https://leetcode.com/u/Parth\\_coder10/](https://leetcode.com/u/Parth_coder10/) 