

# MITALI TAYAL

(+91) 8630720465 • [mitalitayal.002@gmail.com](mailto:mitalitayal.002@gmail.com) • [LINKEDIN](#) • [GITHUB](#) • [Personal Website](#)

## SUMMARY

Software Developer with **2.5+** years of experience building scalable web applications using **React.js, TypeScript, and Node.js** at HERE Technologies. Experienced in **REST API** integrations, modular architecture, reusable component systems, and production support. Seeking to expand into backend-focused and full-stack development roles.

## EDUCATION

### BENNETT UNIVERSITY (Times of India Group), Greater Noida

Bachelor of Technology in Computer Science

2019 -2023

CGPA: 8.5

### DELHI PUBLIC SCHOOL, MEERUT

12<sup>TH</sup> | CBSE BOARD | 89%

2018 - 2019

10<sup>TH</sup> | CBSE BOARD | 10 CGPA

2016 – 2017

## WORK EXPERIENCE

### HERE Technologies — Software Developer II

July 2023 - Present

- Developed and enhanced the Mapmaking UI (MMUI) using React.js, TypeScript, Node.js, Vite, Tailwind CSS, and HERE XYZ mapping library, improving scalability, maintainability, and developer productivity.
- Structured and maintained a clean repository architecture with modular directories, reusable React components, shared helper functions, and centralized utilities to support scalability across application modules.
- Contributed to HERE's centralized design system, building reusable React components in Storybook to ensure UI consistency across multiple products and speed up feature delivery by 20%.
- Integrated REST APIs for real-time geospatial data visualization, reducing manual workflows and accelerating decision-making for internal users.
- Engineered advanced geospatial features including clustering and heatmaps to efficiently render millions of data points with optimized performance.
- Designed and implemented Figma mockups into production-ready, pixel-perfect UI components, ensuring design consistency and improved user experience.
- Optimized UI/UX workflows, including error handling, process monitoring, and performance tuning, leading to a more reliable and intuitive user experience.
- Conducted comprehensive manual testing, code reviews, and performance optimizations to ensure high code quality, maintainability, and system reliability.
- Collaborated cross-functionally with product, design, and backend teams in an Agile environment to deliver multiple end-to-end features.
- Worked with Node.js services to consume and validate APIs, handle data transformation, and manage application logic.
- Actively supported on-call operations, troubleshooting production issues and assisting internal users during high-impact scenarios to ensure system stability.
- Technical Skills:** Tech Stack: Node.js · React · TypeScript · Vite · Tailwind CSS · REST APIs · HERE XYZ Mapping Library · Figma

### HERE Technologies — SDE Intern

July 2022 – July 2023

- Designed and executed automated test suites in Cypress and authored Zephyr test cases, improving QA coverage and reducing regression testing effort.
- Collaborated with developers to debug issues, validate features, and ensure high-quality releases of MMUI.
- Learned and applied React.js, TypeScript, and HERE XYZ mapping library for geospatial rendering and UI improvements.

### OSMOSYS — Technical Summer Intern

May 2022 – June 2022

- Enhanced programming expertise in C, C++, Python, JavaScript, and SQL through practical application of Harvard CS50 coursework.

## SKILLS

- Languages:** JavaScript, TypeScript, Python, C/C++, SQL, HTML, CSS
- Frontend:** React.js, Redux, Tailwind CSS, Vite
- Backend:** Node.js, REST APIs, API Integration
- Architecture & Concepts:** Modular Architecture, Component Design, Code Reviews
- Testing & DevOps:** Cypress, Manual Testing
- Tools:** Git, JIRA, Storybook, Figma

## PROJECTS

### Personal Portfolio Website

[View Demo](#)

[React.js, TypeScript, Tailwind CSS, Vite]

- Built a production-ready portfolio application using React and TypeScript with feature-based modular architecture and reusable components.
- Implemented responsive UI using Tailwind CSS, optimized production build, and deployed via GitHub Pages.

### MAINTAIN GAP (Automated Screening System - Safety Measure from Covid 19)

[Python, OpenCV, TensorFlow, PostgreSQL, Flask]

- Equipped to check the surface body temperature of an individual using manual user and well-trained in performing facial recognition & face-mask detection.
- Worked on Facial Recognition using TensorFlow and Keras.

## ADDITIONAL EXPERIENCE

### Homeflic Wegrow — Human Resource Associate

November 2020 - February 2021

- Managed a team of 150+ interns in the sales department.
- Generated a revenue of around **Rs. 2 lakhs** for the company.

### GeeksforGeeks (Bennett University) — Design Co-Head

August 2020 – August 2021

### Sports Community (Bennett University) — Design Team Member

September 2020 – May 2021

## ACHIEVEMENTS

### Secured 2nd place in HERE global hackathon (Mumbai)

Built an independent, optimized map viewer that allowed users to quickly load and interact with geospatial datasets with minimal overhead.