

MITALI TAYAL

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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 CGPA: 8.5	2019 -2023
DELHI PUBLIC SCHOOL, MEERUT 12 TH CBSE BOARD 89% 10 TH CBSE BOARD 10 CGPA	2018 - 2019 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 Managed a team of 150+ interns in the sales department. Generated a revenue of around Rs. 2 lakhs for the company.	November 2020 - February 2021
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.