

Yash Mitesh Mehta

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EDUCATION

Syracuse University

Master of Science — Computer and Information Sciences

Syracuse, NY

August 2024 – May 2026 (Expected)

Mukesh Patel School of Technology Management and Engineering

Bachelor of Technology — Computer Engineering

Mumbai, India

July 2018 – May 2024

TECHNICAL SKILLS

Frontend Technologies: React.js, Next.js, React Native, Angular, JavaScript, HTML, CSS, TypeScript, Tailwind CSS, Bootstrap, GSAP, Framer Motion

Development Tools & Platforms: Git, GitHub, Postman, Vite, Firebase, WordPress, cPanel, FlutterFlow

Data & Visualization: SQL, Chart.js, D3.js, Tableau, Power Automate

Backend & Scripting: Python, PHP, FastAPI, Node.js, Express.js

EXPERIENCE

Frontend Engineer Intern

Playtoon It, Inc.

May 2025 – Present

New York

- Improved **website responsiveness** across **5+** screen sizes by refactoring UI components using **Next.js** and **Tailwind CSS**, leading to a **30% increase** in user retention.
- Designed and integrated **50+ custom letterforms** using **FontForge**, aligning with brand visual guidelines.
- Managed **20+ pull requests** and streamlined Git workflows to reduce merge conflicts by **80%**.
- Built **PDF generation feature** to convert any URL into a downloadable PDF using **Puppeteer**.

Software Developer Intern

Openspace services PVT. LTD.

May 2023 – November 2023

Mumbai, India

- Improved request handling efficiency by **30%** by building **CRUD APIs** using **Node.js** and **FastAPI**.
- Created **interactive animations** using **GSAP** and **Framer Motion** to improve user engagement.
- Integrated **BLE Manager** and implemented **OTA (Over-the-Air)** updates for mobile application modules.
- Deployed dashboards using **Chart.js** and **D3.js** to visualize real-time data and improve insights by **25%**.

Web Developer Intern (WordPress)

Sonne Energies PVT. LTD.

January 2022 – April 2022

Mumbai, India

- Revamped WordPress website UI, improving **page speed by 20%** and enhancing user experience.
- Updated **10+ plugins** and resolved compatibility issues **daily**, reducing downtime incidents by **90%** and ensuring consistent performance across updates.
- Integrated **Drop Shipping** functionality and **phpMailer** for contact form automation, reducing manual order handling and email delays by over **70%**.

PROJECTS

PEDEPROTECT (Live Demo) | React, PHP, MySQL, JavaScript

December 2023 – April 2024

- Developed an **AI-powered reporting platform** for pedestrian safety, enabling **200+ users** to submit footpath and manhole issues through **image uploads** and **geotagging**.
- Engineered responsive dashboards for users and admins using **React.js**, **Ant Design**, and **Bootstrap**, improving task completion speed by **35%** in guided internal testing.
- Integrated **AI model** outputs into the frontend to dynamically render prediction results (e.g., cracked, broken, proper), supporting **faster admin review** without needing raw model access.
- Developed user-side image upload and geolocation tagging with preview and location-edit features, **reducing average** form submission steps by **30%**.
- Implemented **image preview** and **validation** before upload using **native JavaScript** and **React**, preventing **95%** of submission errors in internal testing.
- Led and deployed **15+ RESTful APIs** using **FastAPI** and MySQL to handle admin management, prediction display, and issue categorization with sub-**200ms response times**.
- Automated the dataset pipeline with **image preprocessing**, **noise filtering**, **feature extraction**, and categorical encoding using **OpenCV**, **LBP**, and **GLCM** for **ML model training**.