

# Mohd Kaif

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## EDUCATION

**Dr D.Y Patil Institute of Technology**  
*Bachelor of Engineering (B.E.) in Computer Engineering*

Pune , India  
Aug 2023 – July 2027

**Tagore Public School**  
*Higher Secondary Certificate*

Allahabad, India  
May 2021 – June 2022

## EXPERIENCE

**Computer Society Of India** Aug 2024 – July 2025  
*Technical Associate* Pune, India

- Developed and integrated new features for a full-stack research platform, delivering fully unit-tested code within an agile environment.
- Collaborated in weekly sprints to design, build, and test new functionalities for research-driven web projects, participating in code reviews to maintain code quality and consistency.
- Implemented diverse front-end modules using React, collaborated on API endpoint validation, and executed comprehensive pre-deployment testing, increasing feature.

## PROJECTS

**Task Manager Pro** | *HTML5, CSS3, JavaScript ES6*

- Built a responsive, interactive UI in JavaScript to create, update, and delete task elements in real time through direct DOM manipulation.
- Engineered efficient user interaction by implementing event delegation to manage clicks and key presses on dynamic content, which reduced event listeners by and improved code maintainability.
- Added data persistence with the browser's LocalStorage API, enabling automatic saving and reloading of tasks across sessions and retention of user data between reloads during test runs.

**Personalized Travel Planner** | *HTML, CSS, JavaScript, Gemini API*

- Designed and deployed a two-page responsive website, optimizing load speed by and ensuring seamless cross-device functionality for clients.
- Created a JavaScript-driven form to capture complex user inputs such as budget, companions, and meals, reducing manual input errors and improving data accuracy.
- Integrated the Gemini API to create custom itineraries in real time, cutting response latency to under two seconds and boosting demo engagement.

**FloraVision** | *Node.js, Express.js, Gemini API, JavaScript (ES6+)*

- Built an end-to-end plant intelligence platform that processes user-uploaded images through AI to deliver instant species identification, health assessment, and tailored care instructions in under 2 seconds.
- Implemented dynamic PDF generation with professional layouts, transforming AI-based botanical data into visually refined multi-page documents featuring gradients, structured sections, and informative care cards.
- Added advanced front-end capabilities including drag-and-drop uploads, client-side PNG conversion, asynchronous API calls with loaders..

## TECHNICAL SKILLS

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

**Frontend Development:** React, HTML5, CSS3, Bootstrap, Responsive Design, UI/UX Principles

**Backend Development:** Node.js, Express.js,

**Databases:** MongoDB, Basic SQL

**Developer Tools & Platforms:** Git, GitHub, Postman, Google Cloud Platform (GCP), VS Code, IntelliJ, PyCharm, Eclipse

**Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), AI Integration