

DIYA GUPTA

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PROFILE

Final-year B.Tech CSE student with experience in **AI-integrated web development and automation systems**. Currently a **Full Stack Developer Intern at Pro Desk Pvt. Ltd.**, developing API-driven applications and integrating AI services. Previously worked on OCR-based workflows, LLM testing, and AI automation at TenseAI.

Proficient in **Java, Python, React.js, Node.js, Flask, SQL, REST APIs, and Prompt Engineering**, with strong skills in backend integration and intelligent application development.

EDUCATION

B.Tech – Computer Science & Engineering - CGPA-7.0/10, 09/2022 – 07/2026 | Delhi NCR, India
Kcc institute of technology and management.

Senior Secondary School 2021 – 2022 | Agra, India
XII- st. mary's convent school - **72%**

Secondary School 2019 – 2020 | Agra, India
X- st. mary's convent school - **76%**

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern- Pro Desk 01/2026 – Present | noida, India

- Developed and deployed 3 web applications using React (Vite), JavaScript (ES6+), and Node.js with RESTful API integration
- Integrated third-party APIs including GitHub API and AI services (OpenAI/Gemini) with secure environment configuration
- Implemented asynchronous data handling using async/await with structured error and loading state management
- Built reusable React components and interactive UI features including drag-and-drop functionality
- Secured API credentials using .env configuration and followed Git-based version control for scalable development

Full Stack Developer Intern – TenseAI 01/2026 – 02/2026 | noida, India

- Contributed to backend development and API integration for AI-driven automation workflows
- Implemented OCR-based image-to-text processing and integrated outputs with frontend interfaces
- Tested and evaluated LLM tools, analyzed model outputs, and reported performance issues to improve automation accuracy

INTERNSHIP AND TRAINING – IBM 08/2025 – 10/2025 | Greater noida, India

- Explored AI workflows using Python and modern ML/LLM tools
- Built foundational projects integrating Hugging Face, Google Gemini & OpenAI APIs

SKILLS

Languages: Java, Python, JavaScript • **Backend & APIs:** Node.js, Express.js, Flask, REST APIs, FastAPI • **AI & Data Tools:** NumPy, Pandas, Hugging Face, LLM Integration, Prompt Engineering, OCR • **Frontend:** React.js, HTML, CSS, Bootstrap •
Databases:: MySQL, SQLite, MongoDB • **Tools & Platforms::** Git, GitHub, Postman, VS Code

PROJECTS

AI Cover Letter Generator (Advanced SaaS Level)

- Built an AI-powered web application that generates personalized cover letters using **OpenAI/Gemini API**
- Implemented secure API key management using .env configuration
- Integrated PDF parsing to extract resume data dynamically for enhanced personalization
- Engineered structured prompts to generate high-quality, formatted responses
- Added loading animations and copy-to-clipboard functionality for enhanced UX
- Designed modular architecture separating frontend, backend, and API layers

Tech Stack: React (Vite), Node.js, AI API, PDF Parsing Library, Environment Variables

Dev-Detective: GitHub User Battle App (Advanced API Integration)

- Developed a real-time GitHub user search application using **GitHub REST API**
- Implemented async/await with proper 404 error handling and loading states
- Built “Battle Mode” to compare two developers based on total stars and followers
- Aggregated repository data dynamically to calculate star counts
- Formatted ISO date strings into human-readable formats
- Enabled dynamic linking to repositories in new tabs

Tech Stack: JavaScript (ES6), Fetch API, REST API, JSON, HTML/CSS

Kanban Task Board -React (deployed on vercel)

- Built a Trello-like task management board using React and Vite
- Implemented component-based architecture using useState and props
- Integrated task filtering and priority-based color indicators
- Enabled localStorage persistence for state retention after refresh
- Implemented inline task editing with dynamic state updates
- Deployed on Vercel-Live Project: <https://kanban-task-board-diya.vercel.app/> 📄

Tech Stack: React.js, Vite, JavaScript, localStorage, dnd-kit

CERTIFICATES

GEN AI internship- IBM (sept 2025) | Java Web Development & AI – HCL Tech (Mar 2025) |
Smart India Hackathon – AKTU (Sep 2024) | Code Clash 24hr Hackathon – BVP College (Apr 2024) |
Code-o-Fiesta 2.0 – ITS Engineering (Dec 2023)