

Diya Panwar

Frontend developer and Generative AI Enthusiast

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Objective

Creative and results-driven front-end developer with a passion for building seamless, user-centric web applications using modern technologies such as React.js, JavaScript, and CSS. A strong advocate of design and functionality, with hands-on experience integrating **Generative AI** models to create dynamic, personalized user experiences. Skilled in Python and SQL, and adept at leveraging AI tools like GPT and TensorFlow to enhance interactivity and data-driven insights in web applications. Eager to apply innovative solutions to complex problems in a forward-thinking, collaborative environment that embraces cutting-edge technology. Seeking to contribute to projects that push the boundaries of AI-powered web development.

Technical Skills

- Frontend Development:** HTML5, CSS3, JavaScript, React.js, Bootstrap, SASS, TailwindCSS
- Database Management:** SQL (PostgreSQL, MySQL), MongoDB
- Generative AI Tools:** GPT, DALL-E, TensorFlow, PyTorch, Hugging Face
- Version Control:** Git, GitHub
- Other Tools:** Figma, Adobe XD, Docker, Jenkins, Webpack, Google Analytics

Education

Bachelor of Technology in Computer Science Engineering (CSE)
Meerut Institute of Engineering and Technology
Expected Graduation: 2026

- Relevant coursework: Web Development, Data Structures, Algorithms, Databases, Machine Learning, AI

Intermediate (CBSE)
Dayawati Modi Academy
2021 – 2022

- Major Subjects: Mathematics, Science, Computer Science

Professional Experience

Frontend Developer Intern
Codsoft Technologies, Remote
September 2024 – Present

- Collaborated with the development team to build and optimize responsive web pages using HTML, CSS, and JavaScript.
- Designed and implemented user-friendly web forms for data collection, utilizing SQL databases for storage and retrieval.

- Integrated generative AI models into customer-facing tools, improving user engagement by 15%.
- Debugged issues and optimized the codebase for performance improvements, resulting in a 25% reduction in page load times

Projects

AI-Powered Portfolio Website

- Designed a personal portfolio website using **React.js** and **TailwindCSS** with integrated generative AI features to dynamically recommend and showcase projects based on user preferences.
- Used **SQL** to store and manage portfolio project data, enabling quick retrieval and filtering based on visitor input.
- Integrated GPT models to provide intelligent suggestions and resume enhancements.

Interactive Learning Platform

- Built a web-based learning platform using **HTML**, **CSS**, **JavaScript**, and **Python** for backend processing.

- Implemented SQL database for tracking user progress and generating custom content recommendations.

Responsive Blog Website

- Built a **responsive blog website** using **HTML**, **CSS**, and **JavaScript**, focusing on user accessibility and SEO optimization.
- Integrated **React.js** for dynamic content rendering and improved user experience.
- Designed a **RESTful API** in **Node.js** for managing blog posts and comments, ensuring seamless data flow between front-end and back-end.
- Optimized website for mobile devices, achieving a 98% performance score on Google Lighthouse

Certifications

- **Frontend Web Development with React** – Coursera
- **Python for Data Science and AI** – IBM
- **Google Analytics Certified** – Google
- **Generative AI Specialization** – Microsoft and LinkedIn
- **SQL for Data Science** – DataCamp
- **Mastering python** – Infosys

Additional Skills

- **Problem Solving & Debugging**
- **Team Collaboration Tools:** Jira, Trello
- **Responsive Web Design**
- **Agile & Scrum Methodologies**
- **Cross-Browser Compatibility**

Languages

- **English** – Fluent
- **Hindi** – Fluent

