

Devvrat Sharma

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SUMMARY

Passionate Web and Software Developer with strong skills in full-stack development, AI, and generative AI. Experienced in building responsive web apps using modern frameworks like MERN, Next.js, and Tailwind CSS. Skilled in integrating AI models and crafting effective prompts to create intelligent, user-focused solutions.

EXPERIENCE

APPRENTICESHIP

IBM June 2023 – August 2023

- Mastered Python libraries including NumPy, Pandas, and Scikit-learn to efficiently manipulate data, build predictive models, and streamline machine learning workflows.
- Applied statistical analysis and data interpretation techniques to uncover trends, identify patterns, and drive data-informed decision-making.
- Engineered end-to-end ML pipelines by integrating data preprocessing, model training, and evaluation strategies to solve real-world business problems.
- Collaborated in a professional tech environment at IBM, contributing to data-driven projects and gaining exposure to industry-standard practices in machine learning and analytics.

PROJECT

Market Insight

market-insight-topaz.vercel.app/

- Engineered full-stack web applications using the MERN stack, delivering responsive, high-performance user experiences with clean, scalable code.
- Built and deployed AI-powered tools and dashboards, integrating machine learning models to provide real-time insights and enhance user decision-making.
- Leveraged prompt engineering and generative AI APIs to develop intelligent features that augment human creativity and automate complex workflows.
- Designed intuitive UI components and front-end architectures with React, Tailwind CSS, and shadcn/ui, prioritizing usability, accessibility, and speed.

DevTech- EdTech Platform

dev-tech-pink.vercel.app/

- Developed a full-stack e-learning platform with user authentication, course management, and secure payment integration using modern JavaScript frameworks and RESTful APIs.
- Implemented dynamic dashboards for students and instructors, enabling real-time course progress tracking, enrollment management, and personalized learning experiences.
- Integrated third-party services such as Cloudinary for media uploads and Razorpay for seamless online payments, enhancing platform scalability and user experience.
- Designed and maintained a modular, component-based frontend architecture with React and Tailwind CSS, ensuring responsive design and high code maintainability.

EDUCATION

Bachelor of Technology

Dr. Akhilesh Das Gupta Institute of Professional Studies • Delhi, India • 2025 • 8.64

CERTIFICATIONS

GENERATIVE AI AWS

AWS • 2025

- Understanding Generative AI Foundations on AWS: You learned about the core concepts of generative AI, including how foundation models (FMs) work, the differences between models like LLMs (large language models) and diffusion models, and how AWS services like Amazon Bedrock and SageMaker help you build, customize, and deploy these models securely and efficiently. Responsible AI and Model Fine-Tuning Best Practices: You understood the importance of responsible AI practices, including bias mitigation, transparency, and security when deploying generative AI solutions.

- You also learned techniques for customizing models (like fine-tuning and prompt engineering) to suit specific business use cases while maintaining ethical standards.

SKILLS

Skills: c, c++, Python, HTML, CSS, Javascript, NodeJS, ReactJS, NextJS, TailwindCSS, Git, GitHub, MySQL, MongoDB, AI tools, Generative AI, Prompting
