

SHAURYA TIWARI

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PROFILE

AI/ML Engineer | Frontend Developer, Passionate about building intelligent applications by combining machine learning with modern frontend technologies. Skilled in Python, data visualization, React.js, and AI-driven problem solving, with strong experience in team leadership.

SKILLS

Programming: Python, Java, JavaScript

Frameworks & Libraries: React.js, Next.js, Tailwind CSS, Streamlit, NumPy, Pandas, Seaborn, Matplotlib, Plotly, Node.js, Dashboarding, Data Visualization

Tools: GitHub, Jupyter Notebook

Other: Machine Learning, AI Prompting, Mathematics, Problem Solving

EDUCATION

GL Bajaj Institute of Management and Technology *Greater Noida*

2025 - 2028

B. Tech Computer Science (AI/ML)

Accurate Institute of Management *Greater Noida, India*

2022 - 2025

Diploma in Computer Science and Engineering (CSE)

CGPA: 8.0

PROJECTS

Image Analyzer — Offline AI Image Captioning App | [GitHub Repo](#)

- Built a lightweight web app using Fast API & BLIP (Hugging Face) to generate AI-based captions for uploaded images, fully optimized for offline use.
- Completed as part of the **AWS Generative AI (Bedrock) certification**, showcasing practical application of cloud & AI concepts.

AI Resume Analyzer — JD-Based Resume Evaluation App | [GitHub Repo](#)

- Developed a web application using Streamlit, Python, and Perplexity AI API to analyse resumes against job descriptions, providing skill match, ATS verdict, and actionable improvement recommendations.
- Implemented semantic skill matching, section detection (Skills, Projects, Experience, Education), and AI-powered resume booster to enhance job-fit insights.

Stickman Online Multiplayer Race - Real-time multiplayer browser game | [GitHub Repo](#)

- Built using JavaScript and Socket.io for live, synchronized multiplayer gameplay
- Designed responsive UI/UX and seamless gameplay experience

ACADEMIC EXPERIENCE

- **Led batch-wide academic projects** by guiding 40+ peers on **GitHub collaboration** (repositories, version control, pull requests, conflict resolution).
- **Managed 3+ group projects** ensuring smooth coordination, **Agile** sprint deliveries, and effective teamwork as **Team Lead**.

CERTIFICATES

Deloitte Technology Job Simulation

Completed practical tasks in coding development, data visualization, and data analysis.

AWS AI/ML & Generative AI Certification

Covered Amazon Bedrock, Amazon Q Business, RAG (Retrieval Augmented Generation), and AI/ML business applications.

HP Foundation – AI for Business Professionals

Certified in prompt engineering, ethical AI use, and applying AI tools to enhance business productivity.