Meharjot Singh

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Dynamic AI and Full-Stack Developer with hands-on experience in building scalable web applications and AI-driven solutions. Developed and deployed real-world projects like **ResuMatch AI** and **SmartInterest AI**, integrating advanced ML, NLP, and LLM technologies. Successfully delivered a full-fledged e-commerce app with secure payment gateways during a recent internship at **Pal Infocom**. Strong foundation in Python, React.js, and cloud deployment (GCP). Passionate about leveraging AI to solve impactful problems with a user-centric approach.

Education

Chitkara University   **August 2023 - Present**
Bachelor of Computer Science Engineering
   Majors in Artificial Intelligence
   Current CGPA- 8.51

Experience

Pal Infocom (onsite)   **June 2025**
Developer Intern
- Developed a complete e-commerce web app using the MERN stack with JWT authentication.
- Integrated Stripe and Razorpay for secure, real-time payment processing.
- Deployed the application on Google Cloud Platform, handling hosting, environment setup, and domain configuration.

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Stripe, Razorpay, Google Cloud

Projects

DesignDial AI *(June 2025 – July 2025)*
Built a full stack graphic generator app with modern UI for easy access.

- AI powered design tool that generates stunning visuals for users by understanding the user's requirements and generating a full fledge and detailed prompt based on information provided.
  Deployed Link

ResuMatch AI *(May 2025 – June 2025)*
Built a full-stack platform to tailor resumes to specific job descriptions using AI.

- Implementing PDF resume parsing, job-description analysis, and match scoring using LLMs (Gemini).
- Integrating AI-generated suggestions and enhancements for better job relevance.
- Enabling structured resume editing and export as ATS-friendly PDFs via Next.js.
  Deployed Link

SmartInterest AI *(March 2025 – May 2025)*
A system that predicts student interests based on marks and projects.

- Developed a **test-based evaluation system** and **personalized dashboards**.
- Integrated **ML models** to suggest **personalized learning roadmaps**.
- Implementing **NLP-based project report analysis** and **idea generation**.
  Deployed Link

Skills and Interests

Programming: Python, JavaScript, C++, Java, TypeScript
Web Development: React.js, Next.js, Tailwind, Bootstrap, Node.js
Machine Learning: OpenCV, Pandas, Scikit-Learn, NLP
Databases: MongoDB, Firebase, MySQL, SQL, S3
Tools & Platforms: Git, Cloudinary, Render, Google Cloud, AI, Google Cloud, JWT, Firebase, ChatGPT, Gemini, AWS
Problem-Solving: 270+ problems solved on GeeksforGeeks

Certifications

- Python Classes and Inheritance
- Python Functions, Files, and Dictionaries
- Python Project: pillow, tesseract, and OpenCV
- Introduction to Artificial Intelligence (AI)

Mini Projects

- GrantGuide AI – AI assistant for discovering and applying to Microsoft CSR programs in India.
  Live | GitHub
- Portfolio – Designed and developed a fully responsive portfolio deployed on Render with custom domain (GoDaddy) and HTTPS Technologies React, Tailwind, Vite, Framer Motion, Git, Render
  Live | GitHub
- NutriFlow – A nutrition planner web app providing diet suggestions based on BMI and user preferences.
  Live | GitHub