

AMISHA PATEL

SOFTWARE DEVELOPER | AI ENTHUSIAST | OPEN SOURCE CONTRIBUTOR

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PROFESSIONAL SUMMARY

Second-year B.Tech Computer Science Engineering (Data Science) student with a strong foundation in full-stack web development, Artificial Intelligence, and scalable backend systems. Passionate about building responsive applications, leveraging Generative AI and LLMs, and contributing to open-source software projects.

EDUCATION

NxtWave Institute of Advanced Technology (NIAT) / DY Patil University Campus

Expected Graduation: 2029

Bachelor of Technology (B.Tech) in Computer Science Engineering (Data Science) | Pune, India

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, Bash, PowerShell
Frontend & Web: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Vite
Backend & AI: Node.js, Express.js, FastAPI, Flask, ASP.NET, LangChain, REST APIs
Databases & OS: MongoDB, PostgreSQL, MySQL, SQLite | Linux (Ubuntu), Windows
Developer Tools: Git, GitHub, GitLab, VS Code, Postman, PyCharm, Google Colab, npm

KEY PROJECTS

AI Powered Study Assistant

[GitHub](#)

Tech Stack: Python, LangChain, LLMs, Vector Retrieval

- Engineered a conversational AI study assistant incorporating document processing and vector retrieval systems.

Personal Finance Advisor

[GitHub](#)

Tech Stack: Python, AI / Data Analysis

- Built an intelligent financial assistant that analyzes spending patterns to deliver automated budgeting guidance.

URL Shortener Service

[GitHub](#)

Tech Stack: Node.js, Express.js, REST APIs, MongoDB

- Developed a RESTful URL shortening service featuring rapid hash generation and link analytics.

Netflix Clone

[GitHub](#)

Tech Stack: HTML5, CSS3 (Flexbox, CSS Grid)

- Recreated a modern Netflix-inspired web application landing page using advanced CSS Grid and Flexbox layouts.

iTask - Task Management App

[GitHub](#)

Tech Stack: JavaScript, HTML5, CSS3

- Created a responsive task manager web application supporting complete CRUD operations.

OPEN SOURCE CONTRIBUTIONS

EaseMotion CSS Framework

[GitHub \(PR\)](#)

Tech Stack: HTML, CSS, Git, GitHub

- Contributed reusable, animation-first UI components to enhance cross-browser framework performance.

AREAS OF INTEREST & SPECIALIZATION

Full Stack Web Development • Generative AI & Machine Learning • Data Structures & Algorithms • Open Source Engineering