

Ananya Singh

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Profile

Computer Engineering undergraduate with 2+ years of hands-on experience in full-stack development, FastAPI, and cloud platforms (Azure). Proven ability to build scalable web applications, integrate AI/ML solutions, and lead cross-functional teams. Seeking software engineering opportunities to deliver impactful, user-focused products in high-performance environments.

Experience

Software Engineer

Just Urbane Magazine

Pune, India

Apr 2024 - Present

- Developed dynamic web applications using **Flask and Python**, improving internal workflows by 30%.
- Created automated tools based on **API integrations** and user feedback, reducing manual tasks by 40%.
- Coordinated with cross-functional teams to deliver scalable systems, boosting project delivery efficiency by 25%.

Web developer Intern

BS Group

Pune, India

Mar 2023 - Sept 2023

- Delivered responsive websites using **HTML, CSS, JavaScript, React, and Node.js**, enhancing UX across 4+ client platforms.
- Deployed full-stack solutions that improved load speed by 20% and ensured cross-browser compatibility.
- Collaborated in an agile team to meet project deadlines, contributing to a 15% increase in client satisfaction.

Director

Entrepreneurship Development Cell, BV(DU)COEP

Pune, India

Nov 2021- Sept 2022

- Led strategic initiatives and events that engaged **500+ participants** and encouraged technical innovation.
- Managed cross-functional student teams, achieving a 20% improvement in project success rate.

Education

Bharati Vidyapeeth College of Engineering, Pune

B.Tech in Computer Engineering

Nov 2021 - Jun 2025

- GPA: 3.72/4.0

Technologies

Languages: Python, JavaScript, C++, Dart

Frontend Development: HTML, CSS, Bootstrap, ReactJS (Redux/Flux)

Backend Development: NodeJS, Flask, FastAPI

AI/ML and Libraries: Pandas, NumPy, Matplotlib, TensorFlow, PyTorch, LLMs, GPT-4

DevOps and Tools: Git, UNIX, CI/CD pipelines, SDLC

Databases: MySQL, PostgreSQL, MSSQL, MongoDB, NoSQL

Cloud Platforms: AWS, Microsoft Azure

APIs and Integration: RESTful APIs, Web Services, JSON

Projects

LLM-based AI Financial Advisor

- Built a multi-functional web app using **Gemini 2.0, Flask, and Random Forest** Classifier for financial predictions.
- Developed modules for loan approval prediction, AI-driven business ideation, and context-aware financial advisory.
- Designed a responsive UI with **HTML/CSS/Bootstrap; integrated AJAX.js for dynamic UX**.
- Deployed the application on **Render**, ensuring high availability and cloud scalability.
- **Tools:** Gemini 2.0, Flask, Python, Pandas, NumPy, Random Forest, Seaborn, Matplotlib, HTML, CSS, Bootstrap, AJAX.js, Render

Careline - Genzeon

- Created a medical data processing platform that transforms **XML input into usable dashboards for doctors**.
- Developed **CRUD** functionality to manage patient records securely.
- Built an admin portal for user management and automated credential resets for inactive accounts.
- **Tools:** React.js, Flask, PostgreSQL/MSSQL, XML Parsing, Azure

Urbane shows

- Developed data-driven web apps using **Python Flask (backend) and HTML/CSS/JS (frontend)**.
- Integrated **FastAPI** and optimized full-stack performance through modular API services.
- Applied best practices in scalable software architecture and deployment automation.
- **Tools:** Flask, FastAPI, HTML, CSS, JavaScript

BS GROUP

- Engineered full-stack web solutions from concept to deployment using **HTML, CSS, JavaScript, NodeJS, and ReactJS**.
- Collaborated in an agile team to build user-centric applications with intuitive, responsive interfaces.
- **Tools:** ReactJS, NodeJS, RESTful APIs

Awards and Certificates

Coursera and Udemy: Certificates attained in Python for Data Science, AI and Development, and AWS.

NPTELWAYAM: Courses completed in Python, C++, Data Analytics with Python and Databases.