

Ananya Singh

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Profile

Software Developer with 2+ years of experience in the MERN stack, C++, Python, and AI/ML integration. Proficient in designing scalable systems, microservices, RESTful APIs and deploying solutions on cloud platforms like Azure.

Experience

Software Engineer

Just Urbane Magazine

Pune, India

Apr 2024 - May 2025

- 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, ReactJS, and NodeJS**, 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++

Frontend: HTML, CSS, ReactJS, Bootstrap

Backend: NodeJS, Flask, FastAPI

AI/ML: Pandas, NumPy, TensorFlow, PyTorch

Databases: MySQL, PostgreSQL, MongoDB

Cloud: Microsoft Azure

DevOps and Tools: Git, Docker, Kubernetes, CI/CD pipelines

Systems and Architecture: RESTful APIs, Microservices

Methodologies: Agile, Scrum

Soft Skills: Collaboration, Communication, Problem-solving (DSA – LeetCode 100+)

Projects

LLM-based AI Financial Advisor [[GitHub: InvestIQ](#)]

- 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:** ReactJS, Flask, PostgreSQL/MSSQL, XML Parsing, Azure

Urbane shows [[Live Site: https://www.urbaneshows.com/](https://www.urbaneshows.com/)]

- 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 [[Live Site: https://bscompany.co.in/](https://bscompany.co.in/)]

- 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

Udemy – "The Complete Python Bootcamp From Zero to Hero in Python" – Completed: Dec 2022 [[Certificate](#)]

Udemy – "Beginning C++ Programming From Beginner to Beyond" – Completed: Jan 2023 [[Certificate](#)]

NPTEL SWAYAM – "The Joy of Computing Using Python" – Completed: July 2023 [[Certificate](#)]

Udemy – "The Complete 2023 Web Development Bootcamp" – Completed: Oct 2023 [[Certificate](#)]

Coursera – "Introduction to Git and GitHub" – Completed: Apr 2024 [[Certificate](#)]

Udemy – "The AI Engineer Course 2025: Complete AI Engineer Bootcamp" – Completed: Apr 2025 [[Certificate](#)]