

Ananya Singh

Email: singh.ananya4458@gmail.com | Phone: +91-8851797261 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [Leetcode](#)

Profile

Software Developer with hands-on experience building clean, scalable, and reliable backend services in the **BFSI** domain. Proficient in **C#, ASP.NET, and SQL**, with experience developing **MVC applications**, applying **Domain-Driven Design (DDD)**, optimizing code, and following strong testing practices to deliver secure, high-performance systems in enterprise environments.

Experience

Trainee Software Engineer

ICICI Lombard General Insurance Limited

Mumbai, India

Aug 2025 - Present

- Developed **MVC applications** using **C# and the .NET Framework** to improve operational efficiency.
- Implemented **SQL database** management to enhance data retrieval and system reliability.
- Maintained **85%+** **code coverage** through comprehensive unit and integration testing for reliable backend performance.
- Built **high-performance, scalable, and secure backend systems**, delivering features and fixes efficiently while complying with enterprise standards.
- Collaborated with a team of **10+ developers** to deliver robust software applications.

Software Engineer

Just Urbane Magazine

Pune, India

Apr 2024 - May 2025

- Built web applications using **Python, Flask, HTML, CSS, and JavaScript** to improve content management and user experience.
- Integrated **FastAPI** and improved backend modules for better performance and easier maintenance.
- Used scalable architecture and modular **APIs** to help make deployments smoother.

Web Developer Intern

BS Group

Pune, India

Mar 2023 - Sept 2023

- Built responsive websites using **HTML, CSS, JavaScript, ReactJS, and NodeJS** to improve the user experience across multiple client platforms.
- Delivered **full-stack** solutions that improved load speed, ensured smooth browser performance, and supported the team in meeting deadlines and boosting client satisfaction.

Education

Bharati Vidyapeeth College of Engineering, Pune

Nov 2021 - Jun 2025

B.Tech in Computer Engineering

- GPA: 3.72/4.0

Technologies

Languages: C#, Python, JavaScript

Backend: .NET 8, ASP.NET Web API, MCP Server Development, Flask

Frontend: AngularJS, HTML, CSS, Bootstrap

Architectural Design: Domain-Driven Design (DDD), API(Postman, Swagger)

Databases: SQL Server, PostgreSQL, MySQL

AI/ML & Data Tools: TensorFlow, OpenCV, LLMs(LLaMA)

Cloud & Infrastructure: AWS, Docker, CI/CD Pipelines

Development Practices: Git, JIRA, Jenkins, Agile Methodologies

Soft Skills: Collaboration, Communication, Problem-Solving (DSA – 100+ LeetCode Problems Solved)

Projects

LLM-based AI Financial Advisor [\[Link\]](#)

- 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, Pandas, NumPy, Random Forest, 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, Azure

Urbane shows [\[Link\]](#)

- 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

BS GROUP [\[Link\]](#)

- 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

Awards and Certificates

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

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