

Ananya Singh

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Profile

Software Developer with web development, C++, Python, and data structures expertise. Currently pursuing a Bachelor's degree in Computer Engineering at Bharati Vidyapeeth Deemed University, Pune and seeking a Software Developer role to leverage expertise in software development, collaboration, and problem-solving.

Experience

Software Engineer

Just Urbane Magazine

Pune, India

Apr 2024 - Present

- Developed dynamic, data-driven web applications using **Python and Flask**, enhancing organizational efficiency.
- Spearheaded the development of tools that improved workflow and reduced redundancy, leveraging **APIs** and user feedback to refine solutions.
- Coordinated with cross-functional teams to integrate technical capabilities with business objectives, demonstrating strong communication and collaborative skills.

Web developer Intern

BS Group

Pune, India

Mar 2023 - Sept 2023

- Implemented **web designs** using **HTML, CSS, and JavaScript** during a 6-month on-site internship.
- Developed and deployed web solutions using **Node.js, React, and APIs**, from concept to completion.
- Collaborated on projects, ensuring responsive and **user-friendly interfaces** across different devices.

Director

Entrepreneurship Development Cell, BV(DU)COEP

Pune, India

Nov 2021- Sept 2022

- Directed strategic initiatives and projects, gaining leadership, project management, and communication skills necessary to manage dynamic and technical teams.
- Led projects focusing on problem-solving, analytical thinking, and team collaboration to meet organisational goals efficiently.

Education

Bharati Vidyapeeth(DU) University,Pune

B.Tech in Computer Engineering

Nov 2021 - Present

- GPA: 3.72/4.0

Technologies

Programming Languages: Python, JavaScript, C++, SQL, Dart

Web Development: ReactJS with Redux/Flux, NodeJS, Ajax.js, Flask, HTML, CSS, Bootstrap

Tools and Frameworks: Pandas, Numpy, TensorFlow, PyTorch, LLMs, RAG, GPT-4, LLama, Random Forest Classifier, Seaborn, Matplotlib

Databases: MySQL, MongoDB, Render

Cloud Platforms: AWS, Microsoft Azure

DevOps: Git, UNIX, CI/CD pipelines, Software Development Life Cycle

Other: AI/ML Frameworks, RESTful APIs, JSON, Web Services Integration

Projects

LLM-based AI Financial Advisor - Personal Project

- Built a multi-functional web application leveraging **GPT-3.5, Flask, and Random Forest Classifier** for intelligent financial analysis and predictions.
- Developed features include loan approval prediction, **AI-powered business** idea generation, and context-aware financial advisory tailored to user inputs.
- Designed a clean, responsive UI with HTML, CSS, Bootstrap and integrated AJAX.js for dynamic interactivity.
- Deployed the application on the Render cloud platform, ensuring seamless access and scalability.
- Tools Used: GPT-3.5, Flask, Python, Pandas, Numpy, Random Forest, Seaborn, Matplotlib, HTML, CSS, Bootstrap, AJAX.js, Render

Careline - Genzeon

- Developed a platform that enables users (e.g., medical professionals or administrators) to upload **XML** files containing structured data, which the system then processes to generate a dynamic web application for doctors.
- Built a web application that allows medical professionals to perform **CRUD** operations (Create, Read, Update, Delete) on the data, enhancing the management of patient records and medical information.
- Created a user-friendly interface that allows administrators to manage users, including adding new users, enforcing password resets, and managing user status (active/inactive) with automatic password resets for deactivated accounts.
- Tools Used: React.js, Flask, PostgreSQL/MSSQL, XML parsing, Azure

Urbane shows - Software Developer

- Designed and developed dynamic websites with **Python Flask** for the backend, and **HTML, CSS, and JavaScript** for the frontend, integrating **APIs** to enhance functionality. Demonstrated expertise in web development and server configuration across a variety of technological stacks.
- Demonstrated strong **Software Architecture** skills through all phases of development.
- Tools Used: Python, Flask, APIs

BS GROUP - Web designer

- Engineered web solutions from design concepts to live sites utilizing **HTML, CSS, JavaScript, NodeJS, ReactJS, and APIs**.
- Collaborated effectively within a team environment to deliver intuitive, user-focused web applications.
- Tools Used: ReactJs, APIs

Awards and Certificates

Coursera and Udemy: Certificates attained in Python for Data Science, AI and Development, and AWS.
NPTEL SWAYAM: : Courses completed in Python, C++, Data Analytics with Python and Databases.