

Aniket Verma

Senior Software Engineer (GenAI/ML)

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Professional Summary

- As a Python engineer with 4 years of experience, I specialize in designing, developing, and deploying innovative web applications using the **Django/FastAPI/Flask framework**.
- Currently, I am focused on building intelligent **AI agents** and **copilots**. I have developed **15+ Corporate AI Agents** using **Python, LangGraph, and Microsoft Copilot Studio**, with an emphasis on workflow automation and enterprise-grade AI integrations. This involves using **LangChain**, Python, and Microsoft Power Platform (Power Automate, Power Apps) with Microsoft Studio.
- I am experienced in utilizing various cloud services including AWS, GCP, and Azure to ensure high scalability, performance, and resilience in applications.
- I am proficient in leveraging NumPy arrays and Pandas DataFrames for efficient handling of large volumes of structured data, facilitating insightful exploratory data analysis.

Work Experience

Senior Software Engineer @ [Coforge](#) | Sep 2024 - Present

Microsoft SL Project

- Developed and deployed enterprise Copilot agents using Python, LangChain, and Azure AI Foundry, integrating with Microsoft Power Platform for intelligent automation and natural language workflows. Designed custom AI copilots with LangChain + Azure OpenAI for dynamic task execution, enhancing operational efficiency.

Arch Insurance Project

- Architected next-generation insurance solutions using Django, ReactJS, FastAPI, Langchain, and CrewAI. Drove AI-powered mobile features, workflow automation, and improved client experiences.

Full Stack Python Developer @ [Benthon Labs](#) | Oct 2023 - July 2024

- As a Full Stack Python Developer at Benthon Labs, I led the development of PulseCRM-pro using Node.js, Express, and MongoDB, deploying it on AWS EC2. I also spearheaded the integration of PyTest, Django, and its REST framework for the Dalmia Bharat MM portal, improving response times and customer satisfaction.
- My work included developing a microservice for data validation, significantly reducing discrepancies, and designing interactive frontend interfaces for mobile applications, boosting user experience.

Software Developer Engineer(Python/ Django) 1 @ [CreateBytes](#) | Jul 2022 - Sep 2023

- As a Software Development Engineer at CreateBytes from July 2022 to September 2023, I specialized in Machine Learning and AI products using Django.
- I contributed to YugYog, a video analytics platform that achieved 30% faster processing speeds and was deployed on AWS with integrated queues and SNS services.
- I also worked on CB-Vision, an ML-based microservices project utilizing FastAPI and Django, where I led the development of a Motion Detector for identifying object motion and suspicious activity.

Blockchain Developer @ [Rapid Innovation](#) | Mar 2022 - Jul 2022

- In the Web3 domain, build decentralized applications (DApps) on the Ethereum and Solana blockchains. I created DApps and Smart Contracts to empower decentralized users in the Web3 business landscape.
 - The technical orchestration involved employing JavaScript libraries such as Chai and Hardhat, and Python Libraries such as Brownie to test each contract and seamless functionality rigorously. Utilizing Solidity and Solana, Also creating, I have created many smart contracts on the Ethereum blockchain.
 - This represents the convergence of technology and creativity within the intricate Web3 framework.
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Personal Projects

Labops.in/Orinn.ai | 2024

- Labobs is a Medical Lab Management System designed to handle patient tests, medical checkups, and payment history efficiently.
 - Using Django, I have developed robust APIs and backend services. The system uses PostgreSQL for its database management. For deployment, I utilized AWS EC2 and Gunicorn to ensure a scalable and production-ready environment. By implementing cost-saving strategies, I successfully reduced the deployment and service expenses on AWS by approximately 50%.
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Skills

- **Programming Language -> Python** • Blockchain • Solidity • JavaScript • SQL • HTML • CSS • C • C++ • C#
- **Web Frameworks -> Django** • **Django REST Framework** • Ethereum • **Node.js** • Fast-API • React.js • MERN • ExpressJS • PyTest • LLM(Large Language Models) • **TensorFlow** • PyTorch • **Langchain** • **RAG** • GenAI • LangGraph
- **Databases -> PostgreSQL** • MySQL • MariaDB • **DBMS** • MongoDB
- **Cloud Services ->** Amazon Web Services (AWS) • Azure • EC2 • CloudWatch • GCP • **AWS Lambda** • **AWS Kendra** • AWS Sagemaker • AWS APIGateway • AWS S3 • AWS ECS • AWS EC2 • GCP Functions • GCP Virtual Machine • Azure Cosmos DB
- **Server Side Tools ->** Git • Linux • **Docker** • **Nginx** • Decentralized Network • Decentralized Finance • CI/CD

Education

Dr. A.P.J. Abdul Kalam Technical University (2022)
- B.tech, Computer Science and Engineering
- Grades - 7.23 CGPA

Kunwar Jagdish Prasad Sanatan Dharam High School, Muzaffarnagar, UP
- 10th (High School)

D.A.V. Inter College, Muzaffarnagar, UP (2017)
- 12th (Intermediate)

Licenses & Certifications

- [Tweet Emotion Recognition with TensorFlow - Coursera.org](#) (Issued Sep 2025)
- [Building Neural Networks: Artificial Neural Networks Using Frameworks - Skillsoft](#) (Issued Mar 2025)
- Problem-Solving Certificate - **HackerRank**
- Problem Solving(Intermediate) Certificate - **HackerRank**
- SQL (Advance)
- Containerized Applications on AWS
- [Aerial Image Segmentation with PyTorch - Coursera.org](#) (Issued Jul 2025)
- [Deep Learning with PyTorch : Image Segmentation - Coursera.org](#) (Issued May 2025)