

Awanish Kumar

Software Engineer | Gen AI Developer

With 2+ years of expertise in Python, Generative AI, OpenAI, Hugging Face, Langchain, and AWS, I deliver AI-driven solutions that enhance business performance. I am experienced in building scalable back-end services using Flask and optimizing high-performance storage with Vector Databases, SQL, and MongoDB. Proficient in cloud architecture deployment on AWS, including S3, EC2, SageMaker, and IAM, I ensure seamless integration of AI models into production. Skilled in front-end development with Angular and JavaScript, I focus on creating user-friendly interfaces. Passionate about leveraging AI and data to drive measurable innovation, efficiency, and business outcomes.

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📞 9120984449

🌐 www.credly.com/users/awanish-kumar.5699a8c0

🐙 github.com/Awanish-collab?tab=repositories

EDUCATION

B.Tech | CSE | 7.8 CGPA

Galgotias University

07/2018 - 07/2022

G.Noida

WORK EXPERIENCE

Software Engineer

HCL Tech

08/2022 - Present

Noida, India

Achievements/Tasks

- Developed 10+ client use cases utilizing Python, GenAI, LLM, AWS, Langchain, CrewAI Agents and Flask.
- Managed front-end development with Python Streamlit, Gradio and Angular.
- Led POC initiatives, resulting in the successful implementation of UI that enhanced client presentation by 25%.
- Conducted training sessions for 15+ team members on Python, RAG, Flask, Angular, boosting team productivity.

AWS Intern

Eduskills - Virtual

03/2022 - 05/2022

Achievements/Tasks

- Practiced and applied cloud concepts to enhance proficiency in AWS services, leading to the successful deployment of multiple cloud-based projects.
- Contributed to project documentation and did comprehensive coverage of cloud-based implementations and methodologies.

ACHIEVEMENTS

Workplace/Company

Achievements/Tasks

- Participated in AWS Hackathon, Reached the final round and secured the runner-up position (04/2024 - 07/2024)
- Completed 1:1 training on Python and ML by whitehat jr
- Coder on HackeRank in Python
- Python Training by IIT Kanpur and NIT Patna (07/2021 - 08/2021)
- Top Rank Holder in Python on Sanfoundry (01/2022 - Present)

SKILLS

Python

GenAI

Machine Learning

Vector DB

LLM

NLP

RAG

AWS

OpenCV

GAN

Langchain

Responsible AI

OpenAI

JavaScript

Flask

Transformer

SQL

Llama2,3

Git & GitHub

PROJECTS

DSM (02/2023 - Present)

- Developed and deployed 10+ Generative AI solutions tailored for client use cases, leveraging Python, RAG, OpenAI, and Hugging Face.
- Implemented Langchain for seamless integration and orchestration of various generative AI models, to make sure efficient and scalable workflows.
- Leveraged AWS Bedrock and S3 services for robust data storage, model training, and deployment, to ensure high availability and security.
- Conducted comprehensive testing for output and validation of generative models using BLEU Score, Perplexity, and Unit Testing, with high accuracy, reliability, and performance.

IPST (Fortrea) (11/2022 - 01/2023)

- Architected and developed the complete front-end infrastructure for the Intellectual Property Management System application using Angular.
- Integrated backend functionality using Python Flask, ensuring smooth and efficient data handling and user interactions.
- Enhanced user experience through a responsive and intuitive interface, resulting in increased user satisfaction and engagement.

CERTIFICATES

- Salesforce AI Associate (10/2024 - Present)
- AWS GenAI Champion Program and Hackathon (08/2024 - Present)
- Certified Python Developer by HCL Tech (07/2024 - Present)
- AWS AI Practitioner (AIF-C01) (08/2024 - Present)
- Google Cloud Digital Leader (08/2023 - Present)
- Azure Fundamentals (AZ-900) (06/2023 - Present)
- Certified Angular Developer by HCL (11/2022 - Present)
- Infosys Python Programmer (01/2022 - Present)
- Microsoft Technology Associate Python (08/2021 - Present)

Interests

- AI/ML Research and Development
- Hackathons and Competitions