

ASHISH MISHRA

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Software Engineer | LLM, RAG & Agentic AI | Python

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Mumbai, Maharashtra



SUMMARY

Python developer focused on AI engineering, with experience in backend development, APIs, web applications, and data analytics. Brings a Python foundation with Django, Flask, FastAPI, and REST APIs, alongside an AI toolkit spanning RAG, local LLMs, prompt engineering, tool calling, and multi-agent systems with LangGraph, MCP, and A2A. Familiar with memory, human-in-the-loop workflows, evaluation, observability, and security. Seeking an AI-focused Python developer role building useful, reliable AI applications.

EDUCATION

Mumbai University

Bachelor's Of Engineering
(Information Technology).

2012 – 2016

Maharashtra State Board

XII in Science Stream

2010 – 2012

TECHNICAL SKILLS

- **Programming:** Python (proficient); JavaScript, HTML, CSS (competent), Embedded C,
- **Frameworks:** Django, Flask, FastAPI, Django REST Framework (DRF)
- **AI / LLM engineering:** RAG, local LLMs, prompt engineering, tool calling, multi-agent systems, LangGraph, MCP, A2A, memory, human-in-the-loop, evaluation, observability, security
- **Databases / storage:** SQL, MySQL, vector databases, SQLite, Oracle, PostgreSQL, Redis.
- **Systems / platforms:** Git, GitHub, Linux, Docker, AWS, CI/CD
- **AI coding tools:** VS Code, GitHub Copilot, Claude Code, Google Antigravity
- **Other tools / design:** PowerShell, system design

PROJECTS

- **DocuQuery:** A full-stack RAG application for querying documents using Groq LLMs and LangChain.
- **FluentDB:** The AI-Powered Natural Language Database Agent
- **Agentic Computer :** Control your Mac computer through WhatsApp messages using AI.
- **DSA Visual :** Interactive platform for learning DS and algorithms through animations and pseudocode.
- **SiteAudit Pro :** AI-Powered Website Security, UI/UX, and Performance Analysis Tool
- **Lexora :** It is a revolutionary programming language that lets you write code in plain English.

CERTIFICATIONS

Python for Data Science and AI (IBM) | Python Basics (University of Michigan) | Python Certification ITVedant (ClassroomTraining). | Databases and SQL for Data Science (IBM) | Web Development (Johns Hopkins University) | Algorithm-I (Stanford University) | Django (PluralSight)

PROFESSIONAL EXPERIENCE

WhiteHat Jr | Byju's.

Senior Associate Developer (Curriculum) | May 2021 – Feb 2024

- Built Python and Django backend features and APIs, integrating services with other systems.
- Improved legacy applications using modern technologies and collaborated with front-end developers to connect user interfaces with backend services.
- Developed a customer issue resolution product that reduced manual resolution time by 55%.
- Conducted research and development in web technologies, AI, cloud computing, and machine learning.
- Designed, developed, and maintained applications and plugins using AI, Cloud and IoT technologies.
- Worked with stakeholders and developers to deliver new features and improve software capabilities.

Hexaware Technologies.

Executive Administrator | May 2019 – Feb 2020

- Defined and maintained development, testing, release, update, and support processes for DevOps operations, using Python scripts to automate tasks.
- Reviewed and audited data and applications across internal tools.
- Troubleshoot and debugged application and plugin issues to maintain reliable operation.
- Maintained Active Directory and user backups.
- Managed system security and resolved Windows operating system issues.

HCL Technologies.

System Administrator | Sept 2016 – Feb 2018

- Supported data center operations and helped define development, testing, release, update, and support processes for DevOps operations.
- Maintained Active Directory and user backups.
- Managed antivirus software and supported system security.
- Troubleshoot and resolved Windows 7, 8.1, and 10 issues.
- Created and monitored databases.
- Managed database user accounts, tablespaces, and related administration.

Declaration : I hereby declare that the above written particulars are to the best of my knowledge and belief.