

AISHIK MUKHERJEE

☎ : (+91) 82749-13570 | ✉ : aishikm2002@gmail.com | 🌐 : <https://aishik999.com>

🐙 : <https://github.com/AISHIK999> | 🔗 : <https://linkedin.com/in/aishik999>

PROFESSIONAL SUMMARY:

Python and Big Data Engineer with 2.5+ years across FMCG and banking domains. Expertise in building scalable data pipelines, automation solutions, and backend systems using Python, PySpark, and Hadoop. GenAI competition winner with hands-on production infrastructure management and full-stack development experience.

EXPERIENCE:

Python Backend Developer (BFSI) | Tata Consultancy Services Ltd | July '24- Present

Engineered scalable data pipelines with PySpark and Hadoop for high-volume financial data processing. Collaborated with cross-functional teams in Agile environment to deliver features on sprint schedules. Optimized Hive queries and ETL workflows for critical statements. Implemented Robot Framework test automation achieving comprehensive coverage

RPA Developer (FMCG) | Emami Limited | June '23 – July '24

Built RPA solutions automating invoice processing, inventory management, and data reconciliation, slashing execution and processing time by 96% Won GenAI Contest for AI-powered automation solution Integrated bots with ERP systems achieving 99% reliability with comprehensive error handling

Android Developer (FOSS) | CygnusOS | 2020 - 2023

Device maintainer for Redmi 4. Created custom builds for the OS and kernel. Also made unofficial builds for multiple other open-source custom Android ROM projects for multiple devices.

CERTIFICATIONS:

- Machine Learning: Professional Certificate (IBM)
- Implementing RPA with Cognitive Automation and Analytics (Automation Anywhere)

SKILLS:

Languages: Python, Bash, PowerShell, SQL

Technologies: Hadoop, PySpark, Hive, HDFS, MapReduce

Frameworks: Django, FastAPI, Robot Framework, Flask

Infrastructure: Linux, Docker, LAMP Stack, CI/CD, Nginx

Automation: RPA, Test Automation

Databases: MySQL, PostgreSQL, Hive

Other: Git, Agile/Scrum, RESTful APIs, Networking

EDUCATION:

Bachelor of Technology (Computer Science and Technology):

University of Engineering and Management Kolkata
CGPA: 9.2

Higher Secondary (Pure Science):

Ramakrishna Vivekananda Mission Vidyabhawan
WBCHSE score: 83%

PROJECTS:

Self-Hosted Production Infrastructure:

Deployed and maintain enterprise-grade server infrastructure with custom domain, SSL, and 99.9%+ Uptime. Automated provisioning and deployment using Bash/PowerShell scripts and CI/CD pipelines Configured reverse proxy, monitoring, backups, and disaster recovery without third-party service providers

Marketplace Product Review Analyser using LLM:

Fetch real world customer reviews from e-commerce platforms to perform sentiment analysis and reporting using large language models

Botterfly:

Telegram userbot made using Telethon API. Performs instructions based on custom Python scripts. Functionality as wide as the entire python ecosystem.

Python Watcher:

A Python and Bash script combination to deploy bots anonymously using a VPN to increase website traffic

Date:

Place: Sodepur