


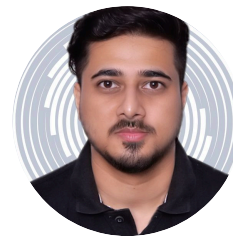
Rahuldev Sarkar

Backend Developer - Python

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 Rahuldev Sarkar



PROFILE

- Experienced professional with 9+ years in IT software industry.
- Application / Web Developer, Data Engineer, having working experience in Cloud DevOps and CICD.
- Data Science and AI / ML Enthusiast.

EDUCATION

B. Tech, Government College of Engineering and Leather Technology
2014 | Kolkata, India

University: West Bengal University of Technology
Field of study: Computer Science and Engineering
CGPA: 7.67

Diploma,
Dr. Meghnad Saha Institute of Technology
2011 | Haldia, India

Board: West Bengal State Council of Technical Education
Field of study: Computer Science and Technology
Score: 79.4%

HSC, Danton H. S. Multipurpose School
2007 | Dantan, India

Board: West Bengal Council of Higher Secondary Education
Major subjects: Physics, Mathematics, Chemistry
Score: 64%

SSC, Danton High School
2005 | Dantan, India

Board: West Bengal Board of Secondary Education
Score: 81.75%

CERTIFICATES

Python Basic (Hackerrank)

REST API Intermediate (Hackerrank)

AI and ML in Python (Technogeeks)

AWS Certified Developer - Associate
(January 2018 - January 2020)

AWARDS AND RECOGNITIONS

Level 2 WOW Award for Important Release Issues Closure, Veritas Technologies LLC

Level 2 WOW Award for New Version Support Case Analysis Assistance, Veritas Technologies LLC

Level 2 WOW Award for CallHome Feature Implementation, Veritas Technologies LLC

Spot Award for Innovation and Implementation, Synechron Technology

Award for Innovation Idea's and Implementations, Accenture Solutions Pvt Ltd

INTERESTS

Coding, Sports, Music

TECHNICAL SKILLS

Programming Languages: *Primary- Python, Secondary- SQL, Linux Shell (scripting), Java*

Python Libraries: *Pydantic, Pandas, NumPy, SQL Alchemy (ORM), JWT, Selenium*

Web Frameworks: *Fast API, Flask (REST and Microservices)*

Databases: *SQL- PostgreSQL, MySQL, SQLite, No-SQL- MongoDB* | **Database Migration:** *Alembic*

Version Control: *Git with Bitbucket, Gitlab and Github* | **Dependency Management:** *Poetry*

Containerization and Orchestration: *Docker, Rancher*

Messaging: *Rabbit MQ, Redis pub/sub*

Cloud Services: *Amazon AWS Services- IAM, EC2, VPC, S3, Lambda*

DevOps: *CI/CD Pipeline and Infrastructure Automation*

PROJECT EXPERIENCE

AI Engineer, T-Systems ICT India Pvt. Ltd.

Jan 2024 – present

Senior Consultant

- Collaborated in a AI project (Large scale distributed system based on LLM models), where we create/modify/manage services to provide several configurations for code translation using context db, code generation, interactive chat, code documentation, docstring generation, adding unit test etc.
- Microservice based architecture, communicates through REST API.

ECB Space, T-Systems ICT India Pvt. Ltd.

Apr 2022 – Dec 2023

Senior Consultant

- Collaborated in a data migration project, where we used to collect data from multiple sources, save data to MongoDB server, apply rules on data as per predefined rule-engines those are enhanced by API endpoints, validate data through API services and finally distribute data across several stages on the web portal.
- Flask web framework for scalable REST API endpoints.
- Data engineering using Pandas, NumPy and other python libraries.

Autosupport Client, Veritas Technologies LLC

Feb 2020 – Apr 2022

Sr. Software Engineer

- Involved in end to end implementation of Autosupportclient on Netbackup and Flex products.
- Plugins (e.g. Collector, Analyzer, Alert-manager and Transmission) and features (e.g. CallHome, System-Resource-Utilization) Development, Scripting, Debug and Fix in Python.
- Creating/Modifying REST API services using Flask and Using REST services using Request module.

Asurion Horizon, Synechron Technologies Pvt. Ltd.

Aug 2018 – Jan 2020

Associate - Technology

- Supported several cellphone carriers to develop features, fix defects and improvement.
- Created, improved and fixed defects on REST API endpoints.
- Automated maintenance check for multiple carriers.
- Used and maintained CD pipeline using DevOps tools.

Merck WebOps, Accenture Solutions Pvt. Ltd.

Apr 2015 – Aug 2018

Application Development Analyst

- Facilitated several roles e.g. DevOps administration and user management, CI-CD Pipeline, Scripting and Automation.
- Created/Improved several scripts using Python and Shell programming.
- Contributed on many applications to build CI-CD pipelines using DevOps tools e.g. Jira, Confluence, Bitbucket, Jenkins, Crowd, Python and Shell programming, REST services.
- Administered production server monitoring and automated numbers of services.