

Parag Ghosh

Backend Developer | Python & MySQL | Automation Specialist

☎ +919366643548 @ ghosh.parag2025@gmail.com 🔗 <https://www.linkedin.com/in/parag-ghosh/>

◦ Skills ◦

Tech Stack

Python

Java

SQL

Shell Scripting

Git

GitLab

Android Studio

Figma

Databases

SQL Server

MySQL

Platforms

Linux

Windows

Fault Tolerance

Distributed Systems

Development Practices

Scalable Systems

Roadmap Planning

Stakeholder Collaboration

Production Monitoring

Product Development

Agile Development

Cloud and Storage

Azure Storage concepts

Cloud-scale infrastructure

Resiliency practices

◦ Languages ◦

English

Hindi

Bengali

Summary

Backend Software Engineer with 2+ years of experience in Python, SQL, and automation across Linux-based distributed systems. Skilled in building scalable, cloud-oriented solutions, improving observability and resiliency, and working cross-functionally in agile environments. Focused on operational excellence in high-scale systems.

Experience

Ericsson India Global Services Pvt. Ltd

Graduate Engineer Trainee Intern | Delivered backend automations for ingestion pipelines in a Linux production environment

June 2022 - August 2022

- Completed a backend-focused internship, learning and applying Python and SQL to automate data workflows and support internal tooling needs.

Ericsson India Global Services Pvt. Ltd

Associate Engineer Trainee | Focused on backend scripting and automation for internal tooling

August 2022 - September 2023

- Created and deployed Python automation scripts using Bash and Cron, streamlining data ingestion into MySQL and reducing daily manual intervention.
- Ensured workflow stability on Linux servers via deployment and monitoring.

Ericsson India Global Services Pvt. Ltd

Developer | Built distributed backend automation for telecom-scale data pipelines, improving network reliability and aligning with cloud storage resiliency goals

October 2023 - February 2025

- Designed and deployed scalable backend automation for distributed systems, contributing to an internal product supporting large-scale, cloud-like infrastructure
- Migrated 50+ legacy scripts from Python 2 to Python 3, improving code maintainability and reducing failure rates by 50%.
- Performed hop upgrades of Juniper switches (12.1R4 → 15.1R7) across 13 servers, reducing downtime and boosting network reliability by 30%.
- Ensured 98% uptime across 13-node distributed system by improving monitoring, alerting, and recovery mechanisms
- Collaborated with stakeholders across teams to prioritize automation features, ensuring timely delivery under tight schedules.
- Involved in planning and prioritizing automation features based on stakeholder input, contributing to roadmap execution and delivery cadence.

Education

Sikkim Manipal Institute of Technology

Computer Science

7.6 CGPA

B.Tech

August 2018 - May 2022

RAMAKRISHNA MISSION VIDYALAYASECONDARY, Agartala

9.8 GPA

Secondary: CBSE

March 2016