

# MAYANK GOENKA

Senior Software Engineer | Python Expert

[Leetcode](#) | [GitHub](#) | [HackerRank](#) | [Linkedin](#) | [Portfolio Website](#)

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Software engineer and Python expert with over 2 years of experience developing Agile, cloud-based serverless microservices and Event-Driven systems in the Healthcare and Life Sciences industry.

## SKILLS

Python (Advanced) Javascript Golang HTML CSS REST API JSON NGINX MySQL PostgreSQL  
NoSQL AWS Git GitHub GitLab Terraform Docker Django Jira Plotly Dash Pandas Numpy Agile  
AWS SDK (Boto3 and Botocore) Data Structures and Algorithms Object Oriented Design MicroServices Scrum  
Serverless Architecture Event Driven Architecture

## WORK EXPERIENCE

### Senior Software Engineer

Persistent Systems | Pune, Maharashtra

April 2024 - Present

Skills: Python, AWS, Dash, Plotly, Pandas, Numpy, Microservices, Git, Agile, CI/CD

- Developed a multi-page analytics web app for a leading US life sciences company, leveraging cloud-based microservices.
- Aligned data analysis with business goals through **direct client collaboration**.
- Developed efficient microservices, cutting **redundancy**, boosting tool **performance**, and **reducing cloud costs**.
- Provided tech guidance, nurturing **continuous improvement among team members**.
- Slashed report download time by 50%**, enhancing overall tool efficiency.
- Implemented session-based caching, **reducing API calls** and **lambda usage by 50%**, and **AWS costs by 20%**.
- Transferred Excel business logic to the web tool, streamlining processes and ensuring **data consistency**.
- Employed **object-oriented design**, improving **code maintainability** and **reusability by 25%**.

### Software Engineer

Persistent Systems | Pune, Maharashtra

July 2022 - March 2024

Skills: Python, Golang, AWS, MicroServices, TDD, Event Driven Architecture, Git, Terraform, Agile, CI/CD

- Significantly contributed to developing and managing **AWS Compliance assessment and Safeguards microservices** for a leading US healthcare compliance firm.
- Led and managed a project leveraging Terraform to conduct weekly end-to-end testing for AWS Compliance assessment and Safeguards. **Prevented major bugs** before the production release.
- Learned quickly** and started contributing to the hardening of the operating system images.
- Swiftly diagnosed and resolved technical bottlenecks, ensuring seamless compliance system functionality.
- Consistently delivered Jira issues **60% ahead of schedule**.
- Achieved an impressive **80% reduction in compliance alert noise** through proactive analysis.
- Collaborated effectively with a geographically dispersed team.

### Academic Intern

Persistent Systems | Pune, Maharashtra

February 2022 - July 2022

- Consistently ranked as a **top performer**. Led team to win ELC among **130+** teams.

## EDUCATION

**Bachelor of Technology** - Computer Science and Engineering

2018 - 2022 | Bhopal, Madhya Pradesh

**CGPA - 9.08 / 10.00**

## CERTIFICATIONS

- [AWS Certified - Cloud Practitioner - February 2022](#)
- [HackerRank Certified - Python Developer - April 2021](#)

## PERSONAL PROJECTS

- [Portfolio Website](#) (HTML, CSS, JavaScript) - Increased online visibility and networking opportunities.
- [G1 Solutions Website](#) (Python, Django, HTML, CSS, JavaScript, PostgreSQL) - Dynamic site with session management, integrated customer tracking, and responsive design.
- [View More Projects](#)