



# Mutharaju HM

Senior Software Engineer at  
Technogen, Bangalore

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Experienced Python Developer with a solid 6-year background in IT, specializing in Flask-RESTful, Django, and Fast API services. Proven proficiency in leveraging AWS services to architect and deploy scalable solutions. Adept at crafting efficient web applications, combining programming expertise with cloud computing knowledge.

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## Professional Experience

### Technogen | Senior Python Developer | Jan 2023 - Dec 2023

- Developed and deployed a DevSecOps dashboard for R&D Tech and Pharma Tech organizations.
- Integrated data from tools such as Azure Pipelines, GitHub, SonarQube, Blackduck, and SD Elements.
- Established a hierarchical structure catering to Business Unit Heads, Solution Group Heads, Product Directors, Product Owners, and Product Teams.
- Extracted metrics from tools to answer critical questions about technology stacks, code review effort, CI/CD pipeline success/failure, recovery time, security vulnerabilities, branch management, and prolific coders.
- Mitigated security vulnerabilities by identifying and addressing issues in applications.
- Ensured continuous delivery by highlighting vulnerable code sections and implementing industry best practices.
- Increased engineer efficiency through adherence to industry best practices.
- Contributed to Agile maturity by delivering secure, robust, and resilient MVPs.

### SA Tech | Senior Python Developer | Jul 2022 - Dec 2022

- Developed REST APIs with Django Rest Framework (DRF).
- Established Jenkins pipelines for internal reporting and executed scheduled jobs.
- Crafted a quality metrics reporting application spanning development teams, with contract testing

configurations implemented across all teams.

#### CIGNEX | Senior Python Developer | Aug 2021 - Jun 2022

- Developed REST APIs with Django Rest Framework (DRF).
- Established Jenkins pipelines for internal reporting and executed scheduled jobs.
- Crafted a quality metrics reporting application spanning development teams, with contract testing configurations implemented across all teams.

#### Tata Consultancy Services | Software Engineer | Mar 2018 - Jun 2021

- Wrote REST APIs using Flask frameworks.
- Authored automation scripts for database cloning activities.
- Managed OEM tools.
- Developed front-end applications using Angular.

#### Inqola | Intern | February 2017 - June 2017

- Worked as a software developer for a logistics management application software developer.
- Developed an API using Python and a website using Angular.

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## Education

Master's Degree in Computer Science | University of Mysore | June 2014 - June 2017

Bachelor's Degree in Computer Science | Bangalore University | June 2012 - June 2014

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## Key Skills

- Python (Flask and Django Rest Framework)
  - Linux Commands and Shell Script
  - CI/CD Pipeline (Jenkins)
  - Python Microservices with Docker and Kubernetes
  - Agile Development
  - Central Repository (Git/Bitbucket)
  - AWS (EC2, S3, Lambda functions, CloudWatch, IAM & SNS)
  - Frontend Technologies (Angular, HTML, CSS & JS)
  - Database (MySQL, Oracle, PostgreSQL & MongoDB)
  - DevOps (Jenkins, Docker, Kubernetes, Git )
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## Projects

### DevSecOps Dashboard, GSK | Senior Software Engineer | June 2023 - Present

- Implemented a robust DevSecOps dashboard for R&D Tech and Pharma Tech.
- Provided actionable insights for various stakeholders.
- Integrated tools, crafted metrics, created visualizations, and ensured a user-friendly interface.

### Agile Dashboarding, GSK | Senior Software Engineer | Feb 2023 - May 2023

- Developed and implemented a comprehensive Agile Dashboarding system.
- Provided performance metrics, backlog analysis, story point estimation, work distribution analysis, and lead time analysis.
- Ensured a user-friendly interface for stakeholders.

### Quality Metrics, Squaretrade | Software Engineer | Aug 2021 - Feb 2022

- Implemented quality metrics for Squaretrade projects.
- Enabling Automated Contract testing
- Managing Jenkins

### Click Clone, Cisco | Engineer | Mar 2018 - Nov 2019

- Built a Python and Angular-based tool for efficient database cloning.
- Led development and deployment phases, utilizing RMAN and Level-2 copy methods.
- Developed RestAPIs, Automation scripts using Python and Shell, and designed UI forms using Angular5.

### Oracle Enterprise Manager, Cisco | Developer and Deployment Specialist | Dec 2019 - Jan 2020

- Contributed to the development and deployment of Oracle Enterprise Manager.
- Utilized Python Flask for building tools within Oracle Enterprise Manager.

### Remote Token Management, Cisco | Developer | Feb 2020 - June 2020

- Led the migration project for the Remote Token Management tool.
- Implemented Duo authentication and collaborated with Cisco teams for a seamless upgrade.

### *Home Internet Access, Cisco | Developer | July 2020 - July 2021*

- Enabled the process for requesting a reimbursable home internet access account.
- Managed requirements gathering, User stories creation, and mentored junior resources.

### *Cisco Virtual Office, Cisco | Developer | July 2020 - July 2021*

- Contributed to the development, management, and deployment of Cisco Virtual Office.
- Collaborated with network support teams, gathered requirements, and mentored junior resources.

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## Awards

Team Spot Award, Awards for Excellence, Best Scrum Team.

I at this moment declare that all the information provided above is true to the best of my knowledge and belief.

Place: Bangalore

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