**Name:** Ganesh Gouru |**Title:** Senior Python Full Stack Engineer | GenAI | Cloud | Devops

**Mobile:** (682) 549-9695 |**Email:** [ganesh.gouru91@gmail.com](mailto:ganesh.gouru91@gmail.com) | **LinkedIn**: [linkedin.com/in/ganeshgouru91](https://www.linkedin.com/in/ganeshgouru91)

A blue and white logo

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AI-generated content may be incorrect.**CERTIFICATIONS**

* **PCPP1™ - Certified Professional Python Programmer**
* **AWS Certified Solutions Architect - Associate**
* **Azure Developer Associate**

**PROFESSIONAL SUMMARY**

{{SUMMARY}}  
  
**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Programming & Scripting** | {{Programming\_Scripting}} |
| **Frontend Libraries & Frameworks** | {{Frontend\_Frameworks}} |
| **Backend Frameworks & Libraries** | {{Backend\_Frameworks}} |
| **Cloud Services** | {{Cloud\_Services}} |
| **DevOps & Infrastructure** | {{DevOps\_Infrastructure}} |
| **Databases & Messaging** | {{Databases\_Messaging}} |
| **Testing & QA** | {{Testing\_QA}} |
| **Monitoring & Security** | {{Monitoring\_Security}} |
| **Development Tools** | {{Development\_Tools}} |
| **Version Control** | {{Version\_Control}} |
| **Methodologies** | {{Methodologies}} |
| **AI/ML** | {{AI\_ML}} |

**PROFESIONAL EXPERIENCE**

**CLIENT: Atlantic Health, Remote Dec 2022 – Present**

**ROLE: Lead Python Developer**

**PROJECT SUMMARY**

{{Project\_Summary\_AL}}

**RESPONSIBILITES**{% for r in RESPONSIBILITES\_AL %}

* {{ r }} {% endfor %}

**ENVIRONMENT**{{ENVIRONMENT\_AL}}

**CLIENT: Fidelity, Mckinney, Tx Dec 2020 – Nov 2022**

**ROLE: Senior Python Developer**

**PROJECT SUMMARY**

{{Project\_Summary\_FD}}

**RESPONSIBILITES**{% for r in RESPONSIBILITES\_FD %}

* {{ r }} {% endfor %}

**ENVIRONMENT**{{ENVIRONMENT\_FD}}

**CLIENT: State of Michigan, Lansing, MI Jul 2017 – Nov 2020**

**ROLE: Full Stack Engineer**

**PROJECT SUMMARY**

{{Project\_Summary\_SM}}

**RESPONSIBILITES**{% for r in RESPONSIBILITES\_SM %}

* {{ r }} {% endfor %}

**ENVIRONMENT**{{ENVIRONMENT\_SM}}

**CLIENT: Airtel, Mumbai, India May 2012 – Jul 2015**

**ROLE: Software Engineer**

**RESPONSIBILITIES**

* Developed **Java 7/8** backend services using **Spring MVC** and early **Spring Boot 1.x**, exposing APIs for telecom billing, usage tracking, and CRM modules.
* Built **Flask** automation utilities for internal data sync, log parsing, and light dashboards.
* Designed and tuned **Oracle 11g** and **MySQL** stored procedures, triggers, and views for high-volume subscriber and usage data.
* Integrated **MongoDB** for customer activity logs and **Redis** for caching subscriber sessions.
* Implemented **REST** and **SOAP** APIs for payment gateways, partner integrations, and internal service orchestration.
* Used **RabbitMQ** and **ActiveMQ** for async message exchange across billing and notification services.
* Configured and deployed Java and Flask apps on **AWS EC2**, using **S3**, **RDS**, and **CloudFront** for storage, databases, and content delivery.
* Managed builds and deployments through **Jenkins**, **Maven**, and **SonarQube**, maintaining code quality and automated pipelines.
* Deployed APIs and UIs on **Tomcat**, and **Apache**, optimizing configurations for reliability and performance.
* Built and maintained **AngularJS 1.x** and **Bootstrap** customer service dashboards integrated with backend APIs.
* Automated frontend builds processes using **Grunt** and **Gulp**, streamlining deployments.
* Applied **Jasmine** and **Karma** for frontend unit testing; **JUnit** and **Mockito** for backend validation.
* Developed **Shell** and **Python** scripts for data cleanup, monitoring, and release automation tasks.
* Implemented **Nagios** for system monitoring and alerting in legacy environments.
* Integrated **ELK Stack** for centralized log analytics and dashboarding.
* Used **New Relic** to monitor application performance and optimize slow-running services.
* Conducted **Selenium WebDriver** testing for UI regression and **JMeter** load testing for stress validation before major releases.
* Collaborated with QA and DevOps teams to troubleshoot production issues, reduce downtime, and streamline release cycles.
* Maintained version control in **Git** and **TFS**, following Agile sprint cycles and continuous delivery practices.

**ENVIRORMENT**

Java 7/8, Spring MVC, Spring Boot 1.x, Flask, AngularJS 1.x, Bootstrap, jQuery, Grunt, Gulp, Oracle 11g, MySQL, MongoDB, Redis, RabbitMQ, ActiveMQ, AWS (EC2, S3, RDS, CloudFront), Jenkins, Maven, SonarQube, Nexus, Tomcat, Nginx, Apache, ELK Stack, New Relic, Nagios, Selenium WebDriver, JMeter, Git, TFS, Agile (Scrum)

**EDUCATION DETAILS**

Master’s in computer science, Aug 2015 - May 2017  
Florida Atlantic University Boca Raton

Bachelor’s in computer science June 2008 - Apr 2012  
Parul Institute of Science and technology, India