

# PURUSHOTHAMAN GANESAN

## Senior Software Engineer

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### PROFESSIONAL SUMMARY

Senior Software Engineer with 4+ years of experience in developing scalable web applications using Python. Specialized in designing and implementing backend solutions with frameworks like **Flask** and **SQLAlchemy**. Proficient in writing efficient, maintainable code and integrating APIs using libraries such as **requests**. Experienced in unit testing with the **unittest** framework to ensure code reliability. Adept at optimizing application performance and collaborating with teams to deliver high-quality software solutions.

### EXPERIENCE

**ACL Digital | Senior Software Engineer**  
**SecureKloud Technologies | Associate – API Services**  
**KXN Technologies | Project Engineer Trainee**

Chennai | July 2024 – Present  
Chennai | December 2021 – July 2024  
Hyderabad | July 2020 - December 2021

### SKILLS

**Programming Languages:** Python  
**Libraries/Frameworks:** Flask  
**Tools / Platforms:** Git, Postman, Jira  
**Databases:** MySQL, Oracle DB

### PROJECTS

Client: **KLA**

**SumTotal – ACE Portal Sync App** *Python, Flask, Oracle DB, MongoDB, Microsoft Power Automate*

- Developed a real-time Sync application using Python to read data from SumTotal via Microsoft Power Automate, updating Oracle DB through REST & OData APIs.
- Eliminating data loss and improper entry issues by replacing a previous reporting-based system with a real-time solution.

#### SecureKloud Technologies:

**Readabl.ai** *Python, Flask, MySQL, GCP*

- Key contributor to Readabl.ai Platform which will take care of medical document, a secure cloud solution for automatic document routing on Google Cloud Platform.
- Established secured connections to on-premises servers and integrated with hospital's Epic database through Open Epic API. Proficient in serverless microservices (Cloud Functions) and container-based applications (Cloud Run). Managed Readabl Database using Cloud SQL for storing user information, document metadata, analytics, and patient match results.

#### KXN Technologies:

**Next Gen Lead** *Python, Flask, PostgreSQL*

- Implemented robust technology-driven Lead Distribution strategies, significantly expediting speed-to-market and enhancing dealer access through API integration.
- Established a dynamic feedback loop, mandating dealers to update KOMATSU via APIs, facilitating real-time information flow for informed decision-making in the lead sales community.
- Implemented unit test cases using PyTest for existing APIs; reduced regression bugs and increased development efficiency.

### EDUCATION

**Vel Tech Multi Tech Dr Rangarajan Dr Sakunthala Engineering College**  
Electronics and Communication Engineering

Chennai  
2017 – 2021

### AWARDS AND RECOGNITION

- Team of the Quarter in SecureKloud Jan-Feb-Mar 2022
- Going Extra Mile (GEM) in SecureKloud June 2023