

Pandiyarajan S

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PROFESSIONAL SUMMARY

Results-driven Python Software Engineer with 3+ years of experience in backend development, REST API integration, and network automation. Proficient in Django, Flask, and FastAPI for building scalable backend services. Skilled in React JS and JavaScript for frontend integration. Experienced with SQL and NoSQL databases, Docker, Kubernetes, and CI/CD pipelines. Adept at automation, production support, and delivering reliable software solutions in Agile environments. Proven success in collaborating with enterprise clients across the US, UK, and Singapore.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS

Frameworks: Django, Flask, FastAPI, React JS

Databases: PostgreSQL, MySQL, MongoDB

DevOps & Tools: Git, Docker, Kubernetes, AWS, CI/CD, Linux

Developer Tools: JIRA, ServiceNow, Postman, Insomnia, VS Code, PyCharm

Concepts: : RESTful APIs, Agile, Microservices, Network Automation, SSL Certificate Management, NLP

EXPERIENCE

Software Engineer

Feb 2022 – Apr 2025

AppViewX

Coimbatore, TN

- Designed and automated 100+ Python-based workflows for Certificate Lifecycle Management (CLM), including certificate discovery, renewal, revocation, and expiry notifications, enhancing performance and reducing manual intervention.
- Built a Django-based internal system for managing enterprise CLM, improving productivity by 67%.
- Developed a Flask application for automating F5 LTM object creation (virtual servers, pools, nodes, monitors), reducing errors and manual workload.
- Leveraged FastAPI to create secure, efficient, and production-ready asynchronous APIs.
- Developed automation solutions using Integrated REST APIs with Python (Django/Flask/FastAPI) for various automation and monitoring use cases.
- Created Python-based automation for SSH and API-driven tasks, streamlining internal operations.
- Designed and developed an internal AppViewX SDK, reducing API call failures and deployment issues.
- Implemented cross-platform notification workflows (ServiceNow, JIRA, Slack, Teams, PagerDuty, BMC Remedy) to simplify PKI and infra structure monitoring.
- Experienced in working with enterprise customers across global regions, including the US, UK, and Singapore.
- Built and fine-tuned a conversational AI chatbot using NLP and NER for intelligent query handling.
- Created automation scripts to handle customer issues and reduce support overhead.
- Provided real-time technical support during live calls with enterprise clients, ensuring timely resolution.

Software Engineer

Apr 2025 – Present

Servion

Chennai, TN

- Delivered comprehensive RingCentral RingEX and RingCX deployments by configuring Users, Sites, Roles, Templates, Queues, and IVRs, while managing global delivery teams across time zones to ensure successful client onboarding, scalable contact center operations, and consistent adherence to project timelines, budgets, and quality standards.

PROJECTS

Django Based Certificate Lifecycle Management System | *Django, Python, React JS*

- Developed a Django-based system to automate certificate management, including creation, renewal, revocation, and expiry alerts.
- Implemented Python scripts to streamline tasks, reducing manual effort and minimizing errors in the certificate lifecycle.
- Designed a user-friendly interface that allows easy management of certificates and provides alerts for upcoming expirations.

Jarviz | *Python, NLP, NER*

- Developed a conversational AI chatbot with a precise NLU structure for both developers and non-developers.
- Implemented features to display data in various visualizations, such as graphs and charts

ACHIEVEMENTS

- **Most Valuable Player Award (Sep 2023)**
- **Circle of Excellence Award (Nov 2023)**
- **Spot Award (Jan 2024)**

EDUCATION

Mepco Schlenk Engineering College
BE - Electronics and Communication Engineering - 8.29 CGPA

Sivakasi, TN
2018 – 2022