

# Pandiyarajan S

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## PROFESSIONAL SUMMARY

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Results-driven **Software Engineer** with 3+ years of experience in designing, developing, and deploying **scalable enterprise applications and RESTful APIs**. Proficient in **Python, Django, Flask, and FastAPI** for building high-performance services, with strong expertise in **SQL/NoSQL databases, Docker, Kubernetes, and CI/CD pipelines**. Skilled in **frontend integration (React.js, JavaScript, HTML, CSS)** and delivering **production-ready, user-friendly applications**. Experienced in **Agile environments** with a proven track record of **collaborating with global enterprise clients (US, UK, Singapore)** to optimize productivity, reduce manual effort, and enhance system reliability.

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript

**Frameworks:** Django, Flask, FastAPI, React JS

**Databases:** PostgreSQL, MongoDB

**DevOps & Tools:** Git, Docker, Kubernetes, AWS, Linux

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

## EXPERIENCE

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### Software Engineer

Feb 2022 – Apr 2025

*AppViewX*

*Coimbatore, TN*

- **Strong domain experience in Certificate Lifecycle Management (CLM)** with CAs like **Sectigo, DigiCert, Microsoft, F5 Load Balancers (LTM, GTM), DNS platforms (Infoblox, Bluecat), and Firewall devices/managers (Fortinet, Palo Alto, FortiGate, Panorama)**.
- Built a **Django-powered Certificate Lifecycle Management (CLM) system**, streamlining certificate operations and boosting productivity by **67%**.
- **Developed and containerized Flask-based microservice APIs** to automate **F5 LTM object provisioning** (virtual servers, pools, nodes, monitors), reducing errors, enhancing scalability, and accelerating deployments.
- **Leveraged FastAPI** to design and deploy secure, asynchronous APIs, ensuring high performance and reliability in production environments.
- **Designed and implemented 100+ Python-based CLM workflows** (certificate discovery, renewal, revocation, expiry alerts), improving system efficiency and eliminating manual effort.
- **Integrated cross-platform notification workflows** across **ServiceNow, JIRA, Slack, Teams, PagerDuty, and BMC Remedy**, simplifying PKI and infrastructure monitoring.
- **Built and fine-tuned an AI-powered chatbot** leveraging **NLP and Named Entity Recognition (NER)**, enhancing user query handling and improving end-user experience.
- **Proficient in SQL and MongoDB queries**, optimizing database interactions and performance.
- **Developed an internal AppViewX SDK**, reducing API call failures and improving deployment stability.
- Collaborated with Product Owners for **requirement gathering, effort estimation, functional specs preparation**, and coordinated with cross-functional teams to deliver high-priority work orders on time.

### Software Engineer

Apr 2025 – Present

*Servion*

*Chennai, TN*

- Completed structured training on **RingCentral UCaaS & CCaaS solutions**, gaining hands-on experience in **site creation, user/role/template management, IVR setup, call queues, ring groups, number porting, and extensions (limited, message-only, announcement-only), including Emergency Response Locations (ERLs)**.
- Assisted in **kickoff scripts, project documentation, and client presentations**, gaining exposure to **project management practices, customer onboarding, and delivery processes**.

## PROJECTS

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### 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.

### Fullstack Portfolio Webapp with Django and React | *Python, Django, React JS*

- Developed and deployed a full-stack portfolio application with a React.js UI, Django REST backend, PostgreSQL database, and Nginx reverse proxy, fully containerized using Docker for scalability and ease of deployment.

### Django-Based Ticket Management System | *Python, Django*

- Developed a simple ticket management system using the Python Django framework, featuring a full UI and API with JWT authentication, basic ticketing functionalities, and sentiment analysis based on the initial ticket description.

### Student Management App | *Python, Django*

- Developed a Django-based student information management application with CRUD functionality, secure user authentication, and SQLite database integration, ensuring efficient and reliable data management.

### 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

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

## EDUCATION

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### Mepco Schlenk Engineering College

*BE - Electronics and Communication Engineering - 8.29 CGPA*

Sivakasi, TN

*2018 – 2022*