

NARENDIRAN CHANDARASEKAR

Senior Software Engineer

CONTACT

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LOCATION

Bengaluru, India

EDUCATION

Diploma in Electrical and Electronics Engineering (EEE) 2016

Hayagriva Polytechnic College

SSLC 2013

Aravindar Higher Secondary School

SKILLS

- Python
- SQL
- HTML
- CSS
- JavaScript
- FastAPI
- Django
- Flask
- PostgreSQL
- MySQL
- pytest
- NumPy
- Pandas
- Advanced Excel
- Git
- AWS
- Docker
- PyCharm
- Visual Studio
- JIRA

SUMMARY

Highly skilled Python Developer with 7+ years of experience developing and maintaining scalable backend applications using Python and modern web frameworks. Experienced in FastAPI, Flask, Django, PostgreSQL, REST APIs, and cloud-based development with a strong focus on code quality, testing, and performance. Proven ability to lead backend development, collaborate across teams, and deliver reliable software solutions aligned with business requirements.

EXPERIENCE

Python Developer

Jul 2018 — Present

Nissi Software Systems

- Responsibilities and Impact — improving results by 20% (replace with your real metric).
- Developed and maintained backend applications using Python, Flask, Django, and FastAPI — improving results by 20% (replace with your real metric).
- Designed and implemented RESTful APIs using Flask and Django REST Framework.
- Worked extensively with MySQL and PostgreSQL databases, creating optimized SQL queries.
- Built automated test cases using pytest to improve application quality.
- Followed software engineering best practices, coding standards, and code reviews.
- Investigated, debugged, and resolved production issues within defined timelines.
- Performed Month End Closing (MMEC) validations and reconciliations to ensure data accuracy.
- Defined development guidelines, business logic, and Azure object requirements.
- Led User Acceptance Testing (UAT) for newly developed features and system enhancements.
- Analyzed Business Data Layer (BDL) objects and provided technical insights for continuous improvement.
- Successfully delivered multiple enterprise backend applications.
- Improved software reliability through automated testing and structured development practices.
- Enhanced financial reporting accuracy through detailed reconciliation processes.
- Led quality assurance activities that improved release readiness and reduced production issues.

PROJECTS

NTAG424 DNA

Role: Backend Developer · Technologies: Python, FastAPI, PostgreSQL

- Developed a multi-tenant backend architecture.
- Designed secure tenant isolation strategies.
- Implemented scalable database architecture.

KEY ACHIEVEMENTS

- 🏆 **Successfully delivered multiple Python backend projects using FastAPI, Flask, and Django. - Led User Acceptance Testing (UAT) activities for enterprise applications. - Designed scalable PostgreSQL database solutions for production systems. - Developed secure multi-tenant backend architecture. - Built RFID, MQTT, and UHF-based real-time tracking solutions**

PROJECTS · CONTINUED

- Built APIs supporting multiple tenant environments.
- Ensured compliance with industry security standards.

Zeal Attendance

Role: Backend Lead · Technologies: Python, FastAPI, PostgreSQL

- Led backend development activities.
- Designed PostgreSQL database schema.
- Integrated backend services with Java applications.
- Supported AWS deployment.
- Conducted user testing and incorporated feedback.
- Delivered a complete employee attendance backend solution.

JastTap

Role: Backend Developer · Technologies: Python, FastAPI, PostgreSQL

- Developed backend services supporting event management.
- Supported planning, scheduling, and event workflows.
- Implemented validation processes for business operations.
- Assisted in performance optimization.
- Supported month-end reconciliation activities.
- Improved operational efficiency during event management.

Bazza

Role: Backend Developer · Technologies: Python, FastAPI, PostgreSQL

- Developed backend services for travel bag tracking.
- Implemented real-time location tracking features.
- Supported human tracking functionality.
- Integrated tracking data with backend systems.
- Improved reliability of tracking services.
- Delivered real-time monitoring capabilities for users and assets.

Welcome Client

Role: Backend Developer · Technologies: UHF Devices, MQTT

- Developed communication between UHF readers and MQTT broker.
- Implemented RFID tag identification workflows.
- Enabled real-time message processing.
- Supported long-distance object tracking.
- Assisted in device integration.
- Enabled reliable real-time identification and tracking using UHF technology.

Employee Tracking

Role: Backend Developer · Technologies: RFID, UHF, MQTT

- Built RFID-based employee tracking functionality.
- Connected RFID readers with MQTT infrastructure.
- Developed real-time monitoring features.
- Supported asset and personnel tracking.
- Assisted in system integration and testing.
- Delivered an efficient RFID-enabled employee tracking solution.