AYUSH ARUNAN

SOFTWARE ENGINEER

Python Developer • Full Stack Developer • AI Developer • Salesforce Administrator

+91 99464 53760 • ayusharakkala@gmail.com • Kerala, India
linkedin.com/in/ayush-arunan • github.com/Aayush-Arunan



PROFESSIONAL SUMMARY

Software Engineer specializing in **Python, Django** and full stack development, with hands-on experience building secure REST APIs, enterprise web applications and **AI-driven NLP solutions**. Skilled **Salesforce Administrator** across CRM configuration, automation and reporting. Delivers reliable, high-quality software in Agile teams through strong database design, testing and SDLC discipline.

CORE COMPETENCIES

- Software Engineering
- Full Stack Development
- REST API Development
- AI & NLP Solutions
- Salesforce CRM
- Database Design
- Application Support
- Agile Development

TECHNICAL SKILLS

Programming	Python, JavaScript (ES6), SQL, HTML5, CSS3
Frontend	React.js, Angular, Bootstrap, Tailwind CSS, Responsive Web Design
Backend	Django, Django REST Framework, Node.js, Express.js, RESTful APIs, Authentication
Salesforce	Flow Builder, Process Builder, SOQL, Lightning, Validation Rules, Reports & Dashboards, Data Loader, Profiles & Permission Sets
Databases	MySQL, MongoDB, SQLite, Database Design, CRUD Operations
Tools & Practices	Git, GitHub, VS Code, Postman, SDLC, Agile, Scrum, OOP, Software Testing

PROFESSIONAL EXPERIENCE

Salesforce Administrator — Auxspire Technology **Sep 2025 – Present**

- Configured custom objects, fields, record types, Lightning pages and validation rules, streamlining CRM workflows and improving user productivity.
- Automated core business processes with Flow Builder, Process Builder and approval processes, cutting manual effort across teams.
- Administered profiles, permission sets and role hierarchies, protecting data integrity and enforcing least-privilege access.
- Delivered reports and dashboards that gave leadership real-time KPI visibility for data-driven decisions.
- Executed data migration, bulk uploads and data-quality validation with Data Loader, maintaining clean enterprise data.
- Collaborated with developers, QA engineers and stakeholders in Agile sprints to deliver working CRM solutions.

Full Stack Development Intern — Internshala **Aug 2025 – Oct 2025**

- Engineered responsive full stack applications on the MERN stack (MongoDB, Express.js, React.js, Node.js) with reusable components and scalable architecture.
- Developed secure RESTful APIs and backend services with authentication and clean CRUD design.
- Designed MongoDB schemas and optimized queries for faster application performance.
- Built modern, mobile-first interfaces with React.js and Tailwind CSS, collaborating via Git/GitHub in an Agile workflow.

Software Development Intern — Luminar Technolab **Sep 2023 – Mar 2024**

- Developed scalable web applications with Python, Django and Django REST Framework, following SDLC and coding best practices.
- Designed REST APIs and integrated frontend components and third-party services with backend systems.
- Implemented responsive interfaces using Angular, Bootstrap, HTML5, CSS3 and JavaScript.
- Optimized MySQL and SQLite database operations while providing application support, debugging and testing.

FEATURED PROJECT

★ AI Requirement Ambiguity Detector

Freelance AI Solution

AI-powered requirement validation tool that applies **Natural Language Processing (NLP)** to automatically detect ambiguous, incomplete and inconsistent software requirements before development begins.

- Developed Python NLP text-processing modules that automate requirement analysis and reduce manual review effort.
- Built RESTful APIs and integrated backend database services for automated scanning and structured report generation.
- Strengthened requirement engineering and software quality by catching defects early in the SDLC, managed with Git and Agile iterations.

Python • NLP • REST API • SQLite • Git • Agile

PROJECTS

E-Commerce Website

Django · MySQL · JavaScript · HTML5 · CSS3 · Bootstrap

- Developed a full stack e-commerce platform with user authentication, shopping cart, product management and payment gateway integration.
- Implemented an admin module for catalogue and order management backed by an optimized MySQL database.

REST API for Data Management

Django REST Framework · MySQL · Postman

- Developed secure RESTful APIs supporting full CRUD operations with token-based authentication and server-side validation.
- Tested and documented all endpoints in Postman to ensure reliability and easy integration.

Library Management System

Django · Bootstrap · MySQL · HTML5 · CSS3

- Built a responsive library management application with book search, filtering and complete CRUD functionality.
- Designed a normalized MySQL schema for members, inventory and transactions.

EDUCATION

Bachelor of Engineering
Computer Science
Vinayaka Mission University, India
2016 - 2020

CERTIFICATION

Accenture Software Engineering Job Simulation
Forage

LANGUAGES

Language	Speak	Read	Write
Malayalam	✓	✓	✓
English	✓	✓	✓
Hindi	✓	✓	✓
Tamil	✓	✗	✗