

# SATYA SAI KUMAR DWARAPUREDDY

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## JOB TITLE YOU'RE APPLYING FOR

Python | Django | MySQL | HTML | CSS | JS | REACT

Results-driven Python Full Stack Developer with 2+ years of experience in the IT industry, specializing in end-to-end web application development, API design, and Front-end solutions. Proficient in Python, Django, JavaScript, MySQL, and Django Rest API, with expertise in building scalable, secure, and high-performance applications. Strong background in optimizing backend architectures, integrating third-party services, and enhancing user experiences. Passionate about automating workflows, improving system efficiency, and solving complex business challenges to drive digital transformation and business growth.

## PROFESSIONAL EXPERIENCE

### Lawrence Technological University Teaching Assistant – Programming

United states  
June 2022 – Dec 2023

- Guided students through core programming concepts in Python.
- Graded assignments and provided detailed feedback, improving class performance by 20%.
- Co-created quizzes and exercises to improve comprehension.

### FIRSTZEN SOLUTIONS PRIVATE LIMITED

Bangalore

### Project Engineer – Django & React.

June 2022 – Dec 2023

#### Roles & Responsibilities:

- Built RESTful APIs using Django REST Framework to manage configurations and runtime service metadata.
- Secured endpoints with JWT and implemented RBAC to control access across roles.
- Designed PostgreSQL schemas to efficiently manage service info and versioned config histories.
- Created interactive dashboards using Django templates for real-time service health and logs.
- Documented all APIs with Swagger/OpenAPI and coordinated closely with DevOps for seamless integration.
- Ensured high reliability through Postman-based testing and supported CI/CD and deployments.

### Project Trainee Intern

Jan 2022 – May 2022

- Developed modern, responsive user interfaces using React.js and TypeScript.
- Built reusable components with SCSS and modular architecture to enable scalability.
- Integrated RESTful APIs for real-time data rendering and performance optimization.
- Designed and managed global state using Redux and Context API for efficient state handling.
- Ensured cross-browser compatibility and mobile responsiveness across devices.
- Wrote and executed unit and integration tests using tools like Jest and React Testing Library.

## PROFESSIONAL SKILLS

- Programming Language: Python
- Back-End Framework: Django, Flask, FastAPI
- Front-end Technologies: HTML, CSS, Java Script
- Front-end Framework: React.js, Angular
- Database: SQL Database, MySQL, PostgreSQL
- Tools: Git, Visual Studio, Jira, Notepad++, Pycharm, PostMan

PROJECTS

Bank Statement Aggregator

The Bank Statement Aggregator project focused on building a secure and automated system to collect and consolidate bank statements from multiple sources, utilizing technologies Python, Frontend Technologies, APIs, Cloud Platform. This application aimed to streamline financial management for users by providing a unified view of their transaction history.

Roles & Responsibilities:

- Developed user interfaces for visualizing bank statement data using framework React,Java Script, Frontend Technologies.
- Developed secure authentication and user role management using Django's built-in authentication system.
- Collaborated with UI/UX senior designers to improve the user experience.
- Identified, documented, and tracked API defects using tracking tool Jira.
- Understand **efficient SQL database basic schemas** taking support with senior developers to store financial data securely.
- Worked with **Git & GitHub**, handling pull requests and version control.

FLM Bank Application

The Bank Statement Aggregator project focused on building a secure and automated system to collect and consolidate bank statements from multiple sources, utilizing technologies Python, Frontend Technologies, APIs, Cloud Platform. This application aimed to streamline financial management for users by providing a unified view of their transaction history.

Roles & Responsibilities:

- Designed and implemented frontend UI components using HTML, CSS, JavaScript, and Bootstrap.
- Developed key features using Django, Django ORM, and SQL for seamless banking transactions.
- Integrated secure authentication and role-based access controls for different user types.
- Understanding and implementing best coding practices in Python, Django, SQL, and frontend technologies.
- Troubleshooting and resolving bugs, security vulnerabilities, and performance bottlenecks.
- Engaging in team discussions, daily stand-ups, and Agile sprint reviews.
- Managed Git repositories, performed code pulls & pushes, and collaborated with QA teams for basic testing concepts.

EDUCATION

Master of Science in Computer Science	Jan 2024- Dec 2025
Lawrence Technological University, Michigan	
Bachelor of Technology in Electronics and Communication Engineering	June 2018- June 2022
Lawrence Technological University, Michigan	

CERTIFICATIONS & ACHIEVEMENTS

Microsoft Certified: Azure Developer Associate  
Achieved 3-Star Rating on CodeChef and 6-Star Rating – HackerRank  
Completed 150+ coding questions – LeetCode  
Joined in multiple hackathon

