

# Hemanth Solleti

[hemanthsolleti6@gmail.com](mailto:hemanthsolleti6@gmail.com) / [+91-9000567716](tel:+91-9000567716) / Hyderabad, Telangana  
[www.linkedin.com/in/hemanthsolleti](https://www.linkedin.com/in/hemanthsolleti) | <https://github.com/hemanthsolleti21>

## Skills

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- Python, JavaScript, React.js, Postgresql, PGAdmin, MySQL
- Django, Django Rest Framework, Django ORM, HTML5, CSS3, Database, ERD-Design,
- Git, GitHub, JIRA, Agile Methodologies, Performance Optimization, Testing & Debugging, Technical Documentation

## Soft Skills

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- Problem-Solving, Communication, Leadership, Analytical Thinking, Team Collaboration, Time Management, Adaptability, Conflict Resolution, and Creativity.

## Work Experience

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### Seven83systems, Hyderabad — Associate Consultant I

June 2024 – Present

- back-end software implementation with Python, Django Rest Framework, and PostgreSQL, from analysis to deployment.
- Optimized API performance and database queries, significantly improving system efficiency.
- Actively participated in 30+ SCRUM meetings, helping accelerate project delivery by 25%.
- Developed and integrated 10+ new RESTful API endpoints to enhance system functionality.
- Improved user experience through seamless API integration and performance optimizations.

### Fervid Smart Solutions, Hyderabad — Software Engineer

June 2023 – May 2024

- Participated in all phases of back-end software development using Python, Django Rest Framework, and PostgreSQL.
- Developed 30+ reusable API endpoints, enhancing system performance and scalability.
- Designed efficient database models and queries to optimize data management.
- Reviewed and ensured adherence to coding standards and best practices for team members.
- Contributed to a more maintainable and performant back-end codebase through rigorous reviews.

## Projects

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### Content management system (Dashboard):

- Created a dashboard to visualize school performance metrics, generate reports, and manage user access with RBAC using Django REST APIs.
- Generated and established REST APIs to fetch and serve data for graphical and tabular displays.
- performed Dual Database Linking with DAG software to synchronize and connect two PostgreSQL databases.
- Generated reports in Excel and PDF formats for data analysis and presentation.

### Learning Management System (ComfyLearn):

- Developed an LMS with role-based dashboards for Admin, Teachers, and Students.
- Optimized API calls with lazy loading, reducing load time from 5s to under 1s.
- Integrated third-party tools like HTML editors for enhanced assessments.
- Ensured seamless functionality and improved user experience across roles.

### Inventory Management System:

- Developed RESTful APIs with Django DRF for a seamless user experience across devices.
- Integrated database models to efficiently manage consultant-customer relationships.
- Optimized API performance through caching, pagination, and query enhancements.
- Ensured scalability and faster response times for improved user interactions.

### One-Login:

- Built a Role-Based Access Control (RBAC) system using Django and DRF for user permissions.
- Implemented dynamic role assignment and secure RESTful APIs for seamless communication.
- Optimized database queries and authentication for improved performance.
- Enhanced system security through efficient access control and data handling.

### SafePani:

- SafePani is a real-time water quality monitoring system.
- Uses sensor technology to detect contaminants and measure key parameters.
- Provides instant reports through an easy-to-use dashboard.
- Designed for households, industries, and municipalities to ensure safe drinking water.

## Education

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B.Tech. in Electronics and Communications Engineering, SR University, Warangal, Telangana

2019 – 2023