

PRASHANTH M

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PROFESSIONAL SUMMARY

Full Stack Developer skilled in Python, Django, React, and RESTful APIs with a strong backend focus. Developed scalable applications with 15+ data models, improving data handling efficiency, security, and code maintainability.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL

Frontend: React, HTML, CSS

Backend: Django, Django REST Framework (DRF), Fast API, MySQL

DevOps & Tools: Docker, Git, GitHub

Core Concepts: OOP, REST API Development, JWT Authentication, Database Design

PROJECTS

VTrack 360 – Fleet Management System | Python, Django, DRF, React, SQL, Docker, AWS S3, Redis | [Admin Live](#) | [Driver Live](#) | [GitHub](#)

- Developed a backend-driven **fleet management platform** with Admin Dashboard and **PWA Driver App**, enabling real-time **GPS-based driver tracking** and live status monitoring
- Built **15+ data models with Django ORM** and developed REST APIs with **JWT authentication** and **OAuth2-based** social login for secure communication
- Handled **800+ records** during testing with **efficient API performance** for core endpoints
- Improved performance using **Redis caching**, reducing database queries and improving response time by **25–30%**
- Built predictive maintenance and reporting automation, reducing manual effort **40%** and downtime **25%**
- Deployed using **Docker** and integrated **AWS S3** for scalable storage and faster access to reports and media

Productivity Mind – AI-Driven Task Workflow System | React, Fast API, GraphQL (Strawberry), SQLAlchemy, LLM | [Live](#) | [GitHub](#)

- Built an **AI-integrated task management system** that converts unstructured PDF content into structured, actionable workflows
- Engineered an **LLM-based pipeline** for task extraction, transformation, and automated scheduling across timelines
- **Tested AI pipeline** across multiple PDF scenarios, validating task extraction, scheduling logic, and structured data output
- Developed GraphQL APIs with hierarchical task modelling (parent–subtask) for efficient and scalable data retrieval
- Implemented **productivity analytics** to track completion rate, delay percentage, and average task execution time
- Secured application access using **JWT-based authentication** for user registration and API protection

Experience

Python Full Stack Developer Trainee | Jspiders

May 2025 – Nov 2025

- Assisted in developing backend APIs, contributing to smooth request–response workflows across application modules
- Worked with authentication flows and performed API testing using Postman to ensure reliable endpoint behaviour
- Supported database operations using ORM, enabling consistent data storage and retrieval across features

Frontend Developer Intern | Loginware Softech

Oct 2024 – Mar 2025

- Developed 7+ responsive frontend pages using React.js, improving UI structure and user interaction
- Implemented reusable components and modern UI design for consistent and maintainable interfaces

EDUCATION

B.E. in Information Science and Technology | T John Institute of Technology

2022 – 2025

CGPA: 6.3

CERTIFICATIONS & ACHIEVEMENTS

- Solved 120+ Python coding problems on Hacker Rank, improving problem-solving and algorithmic thinking
- Completed Generative AI Workshop, gaining practical exposure to LLMs, prompt engineering, and RAG systems