

Manas Gupta

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Profile

I am a Software Developer proficient in crafting efficient, scalable web applications, backend development, API integration, and database management using the Django framework. I have contributed to 6 modules in multiple projects as part of the core team and collaborated with 7-8 different teams to deliver high-quality software solutions in vendor management system.

Education

Bachelor of Technology, ABES Engineering College

Aug 2019 – Jun 2023 | Ghaziabad, India

Computer Science and Engineering

SGPA : 8.5

Professional Experience

Associate Software Developer, SimplifyVMS

Oct 2022 – present | Noida, India

- Developed scalable web applications using **Django**.
- Built and implemented **Python-based automation** solutions, streamlining workflows and enhancing productivity by 35%.
- Designed and implemented thorough **API testing** procedures and **unit tests**, enhancing readability and understanding by 20% while reducing bugs by 60% to ensure functionality and reliability.
- Initiated advanced database management using **Django's ORM**, enhancing schema design and data modeling; improved querying efficiency by 35% and maintained consistent operations with **GIT** for **MySQL**.
- Designed and implemented **RESTful APIs** using **Django Rest Framework**.
- Managed user authentication, authorization, and permissions within Django applications.
- Coordinated package upgrades, codebase segregation, and refactoring initiatives, resulting in a 30% reduction in critical bugs and a 10-20% enhancement in website functionality.

Certificate

Cisco

Programming Essentials in Python

Coursera

Programming Foundation with javascript, html and css

Projects

Price prediction of used cars., Python, ML

- Engineered a machine learning project to predict the price of used cars using models Linear Regression, Decision Tree, Random Forest
- Achieved an impressive accuracy of 95% with the Random Forest model.

Fundamental analysis of stock market., Python, ML

- Fundamental analysis for stocks utilizes revenues, earnings, and other data to assess a company's intrinsic value and growth potential.
- Employed models including ARIMA, SARIMAX, LSTM.
- Achieved a remarkable accuracy of 96% and the lowest RMSE of 170 with the LSTM with news sentiments model.

FundFlick, Django, Python, Bootstrap, Javascript

- Engineered a robust mortgage platform with: Multiuser login and authentication capabilities, Precise interest computation, Real-time transaction tracking
- Enhanced monitoring of lender and borrower activities
- Resulted in a 25% increase in user engagement
- Achieved a 30% improvement in financial operations efficiency

Technical Skills

- **Python**
- **Django**
- **Object Relational Mapping**
- **Django Rest Framework**
- **RESTFUL API**
- **Script Writing**
- **Unit Testing**
- **API Development**
- **Machine Learning**
- **Git**
- **Linux**
- **HTML, CSS, Javascript**
- **SQL**

Soft Skills

- Skilled in effective communication.
- Attentive and observant.
- Proficient in resolving challenges and making decisions.
- Collaborative and supportive team member.