

PAVAN KUMAR GADAM

Software Engineer

Chennai, India

gpavankumar336@gmail.com

+91 6303765527

LinkedIn: [linkedin.com/in/Pavan-Gadam](https://www.linkedin.com/in/Pavan-Gadam)

GitHub: Pavan Gadam

SUMMARY

Software Engineer with 1.5+ years of experience in web development using Django, Angular, Python, and SQL. Skilled in designing and optimizing scalable applications, developing REST APIs, and integrating frontend-backend architectures. Proficient in problem-solving, data handling, and full-stack development, with a keen interest in building efficient and userfriendly applications.

WORK EXPERIENCE

Software Engineer

Millenium Intech Private Limited, Chennai

Nov 2023 – Present

Key Contributions:

- Developed a full-stack recipe-based web application using Django REST Framework and Angular, ensuring end-to-end feature integration.
- Designed efficient database models to optimize query performance and improve data retrieval.
- Implemented JWT authentication and role-based access control, strengthening app security.
- Integrated RESTful APIs to enable seamless communication between frontend and backend.
- Boosted API performance by reducing response time by 40% through query optimization and caching strategies.
- Collaborated with cross-functional teams to handle deployment, bug fixes, and UI/UX enhancements.
- Followed industry best practices for API security, modular coding, and responsive design.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Frontend Technologies:** HTML, CSS, Angular
- **Backend Frameworks:** Django, Django REST Framework (DRF)
- **Databases:** MySQL, SQL
- **Cloud:** AWS (Basic knowledge – EC2, S3, Lambda)
- **Machine Learning(Basics):** Scikit-Learn, NumPy, Pandas

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Sreyas institute of engineering and technology, Hyderabad

August 2019 – July 2023

Board of Intermediate Education
Abhyaas Junior College, Hyderabad

June 2017 – April 2019

PERSONAL PROJECTS

Heart Disease Identification – Machine Learning

- Built a machine learning model for predicting heart disease using Python, Pandas, NumPy, and Scikit-learn, achieving 35% accuracy through data preprocessing and model tuning.
- Analyzed a dataset of 10,000+ patient records, implementing feature selection to improve prediction accuracy.

Hardware Hub using Web Development

- Collaborated in a 4-member team to enhance a PC customization platform, improving UI and interactive features for a better user experience.
- Integrated backend operations like user authentication, product listings, and payment processing using Node.js, boosting processing efficiency.

CERTIFICATIONS

- Achieved Python for Data Science – IBM Cognitive Class [\[Link\]](#)
- Acquired SQL Course – Hacker Rank [\[Link\]](#)
- Earned Django for Web Development – Great Learning