

# PAVAN KUMAR GADAM

Software Engineer

Chennai, India

gpavankumar336@gmail.com

+91 6303765527

LinkedIn: linkedin.com/in/Pavan Gadam

GitHub: Pavan Gadam

## SUMMARY

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Software Engineer with 1.5+ years of experience in Backend 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 user friendly applications.

## WORK EXPERIENCE

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### Software Engineer

*Millenium Intech Private Limited, Chennai*

*September 2023 – Present*

#### Key Contributions:

- Developed a full-stack recipe web app using Django REST Framework and Angular, integrating 15+ core features.
- Designed database models, improving query performance by 30% and data retrieval speed by 25%.
- Implemented JWT auth and role-based access, reducing unauthorized access by 90%.
- Integrated RESTful APIs to handle 500+ daily requests with real-time frontend-backend communication.
- Optimized API response time by 40% using SQL tuning and Redis caching.
- Collaborated with a 5+ member team to deploy, fix 95% of bugs, and enhance UI/UX, boosting user satisfaction by 20%.
- Followed best practices to ensure 100% mobile responsiveness and cut code review issues by 50%.

## TECHNICAL SKILLS

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

## EDUCATION

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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

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### Heart Disease Identification – Machine Learning

- Built a machine learning model using Python, Pandas, NumPy, and Scikit-learn for predicting heart disease.
- Analyzed 10,000+ patient records and applied feature selection techniques, achieving 85% accuracy after tuning.

### Hardware Hub using Web Development

- Collaborated in a 4-member team to enhance a PC customization platform with improved UI and interactivity.
- Integrated backend operations like user authentication, product listings, and payment processing using Node.js, boosting transaction efficiency.

## CERTIFICATIONS

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