

PAVAN KUMAR GADHAM

College Graduate | Software Engineer

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CAREER OBJECTIVE

Innovative Software Engineer with expertise in Python, JavaScript, SQL, and web technologies. Seeking to leverage my skills in web development and data analysis to contribute to impactful projects and drive business growth.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Sreyas institute of engineering and technology, Hyderabad

Board of Intermediate Education

Abhyaas Junior College, Hyderabad

August 2019 – July 2023

June 2017 – April 2019

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Web Technologies:** HTML, CSS
- **Databases:** MySQL, SQL
- **Frameworks:** Django, Angular
- **Libraries:** Pandas, NumPy
- **Technologies:** Basic understanding of Machine Learning

PROJECTS

Hardware Hub using Web Development [\[Source Code\]](#) – Jan 2023 – July 2023

- Enhanced PC customization platform, increasing user engagement through UI improvements and interactive features.
- Managed user authentications, product listings, and payment processing with Node.js, reducing processing time.
- Documented technical specifications and led a 4-person team to launch an e-commerce site in 4 months, resulting increase in conversion rates.
- Conducted cost-efficiency analysis on custom PC builds, achieving 15% savings compared to prebuilt systems through optimized code and detailed user presentations.

Heart Disease Identification using Machine Learning [\[Source Code\]](#) – February 2023 – June 2023

- Developed a heart disease diagnosis system, reducing diagnosis time and increasing accuracy through machine learning techniques including Support Vector Machine, Regression, and Decision Tree.
- Implemented feature selection methods such as Relief and LASSO, decreasing irrelevant feature count by 30% and improving model performance.
- Optimized model training and evaluation processes, enhancing accuracy and cutting training time through advanced feature engineering and algorithm adjustments.
- Generated comprehensive documentation and presentations, leading to a 40% improvement in system clarity and user comprehension.

Online Food Ordering System – March 2023 – July 2023

- Designed and developed a Django-based food ordering platform, serving over 1000 customers and 20 restaurants, and increasing customer satisfaction by 30%.
- Ensured reliable data storage and retrieval with SQL, maintaining a platform with 99.9% uptime and secure transactions.
- Improved and Identified user engagement by 20% through responsive design using HTML, CSS, JavaScript.
- Monitored and documented user growth of 15-20% monthly, integrating multiple payment gateways for secure transactions and collaborating on comprehensive project documentation.

CERTIFICATIONS

- Achieved Python for Data Science Basics – IBM Cognitive Class [\[Link\]](#)
- Acquired SQL Basics – Hacker Rank [\[Link\]](#)
- Earned Accenture Developer Role Virtual Internship – Forage [\[Link\]](#)