



VAMSI KRISHNA UPPU

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SUMMARY

I am a recent B. Tech Computer Science graduate from RSR Engineering College with an excellent academic record, keen interest in and practical exposure to Java and Python Programming, and hands-on experience in Testing and Data Analytics.

EDUCATION

B.Tech, Computer Science Engineering
Ramireddy Subbarami Reddy Engineering College, 70%

12th (Senior Secondary Examinations)
Sri Chaithanya Arts and Science Junior College, 60%

10th(Secondary Examinations)
Z. P. High School North Mopur, 87%

TECHNICAL SKILLS

- Programming Languages – C, Java, Python, SQL, HTML
- Behavioral Skills - Problem Solving, Critical Thinking, Team Work
- Graphic Designing
- AI

INTERNSHIPS

Intern, Software Testing , EXCELR'S (6 Weeks)

- Gained hands-on experience with software testing tools, including automated testing using Selenium with Python and Java. Performed API testing to validate backend functionality and improve application reliability. Participated in ExcelR's structured training programs to strengthen knowledge in quality assurance and test automation, contributing to enhanced testing efficiency.

Intern, AI-Data Analytics, ROOMAN TECHNOLOGIES (3 Months)

- Worked on real-time data analytics projects focusing on data preparation, machine learning, and model evaluation. Developed and optimized predictive models using Python and gained practical experience in AI concepts, performance tuning, and project-based implementation.

Intern, Artificial Intelligence , SKILLDZIRE (2 Months)

- Involved in end-to-end machine learning workflows including data preprocessing, exploratory data analysis (EDA), and model development using Python. Applied AI techniques to real-world datasets, gaining experience in solving practical problems with supervised learning models and data-driven insights.

PROJECTS

DOS AND DDOS ATTACK DETECTION USING HYBRID ALGORITHMS

Final Year Project(Team Lead)

- Developed an SDN-based network architecture with dynamic configuration and centralized control.
- Implemented machine learning for detecting and mitigating DDoS/DoS attacks.
- Simulated attacks to analyze SDN vulnerabilities and enhance network resilience.

PETROL CONSUMPTION

Rooman Technologies

- Analyzed petrol consumption data using Python for preprocessing, EDA, and regression modeling. Applied IQR-based outlier detection and visualized trends using Matplotlib. Built and evaluated models to predict consumption based on factors like tax, income, and driver population.

HOUSE PREDICTION

SkillDzire

Developed a machine learning model to predict house prices based on various features using Python and libraries such as pandas, NumPy, and scikit-learn. The project involved data cleaning, exploratory data analysis, feature engineering, and model training using algorithms like Linear Regression. Visualized results using matplotlib and seaborn to evaluate model performance.

TRAININGS & CERTIFICATIONS

- Six weeks of [Java training](#) & certification in Besant Technologies.

ACHEIVEMENTS

- Participated in the Project Expo at the national-level technical symposium “AGUILA - 2024”, organized by S.V. Group of Institutions, North Rajupalem, Nellore, and won First Prize along with a certificate.
- Secured Second Rank in the Inter Innovative Idea Contest – 2024 conducted by RSR Engineering College.
- Participated in a Quiz Competition by RSR Engineering College and secured Second Prize.
- Participated in an Poster Presentation Competition held on Womens Day at RSR Engineering College and received Second Prize.

EXPERIENCE

GRAPHIC DESIGNER (INTERN)

EWYL Scheme – RSR Engineering College (July 2024 – Feb 2025)

- Created visual content for events and publications.
- Worked on branding and design tasks using graphic tools.
- Collaborated with the team to meet project deadlines.