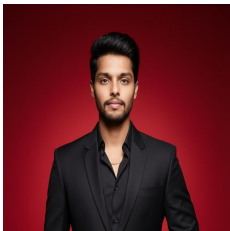


Thamatam Vamsi Krishna Reddy

+91-9346550886 | vamsithamatam@gmail.com

Porumamilla, Andhra Pradesh – 516193, India


[GitHub](#) | [LinkedIN](#)



SUMMARY


Detail-Oriented Computer Science student with a strong academic background. Passionate about leveraging technical expertise to develop innovative solutions. Eager to apply fresh knowledge and teamwork skills in a dynamic professional environment.

INTERNSHIP

- TAP Academy** 

May 2025 – oct 2025
Bengaluru, Karnataka

Java Full Stack Developer

 - Gained hands-on experience in **Java, Spring Boot, MySQL, HTML, CSS, JavaScript, and React.js** through real-time project development
 - Developed and deployed full-stack web applications, integrating REST APIs with responsive front-end interfaces
 - Collaborated in an Agile environment using Git/GitHub, enhancing teamwork and version control practices
- 360DigitMG** 

Jan 2025 – Apr 2025
Hyderabad, Telengana


Java Full Stack Developer

 - Data Preprocessing:** Engineered a robust data pipeline using Python (Pandas) to clean historical aluminum market data, successfully resolving missing business day gaps and formatting inconsistencies for time-series analysis.
 - Forecasting Modeling:** Built a predictive model for Aluminum Price Forecasting based on historical trends, transforming raw data into actionable insights to aid in future price prediction and strategic decision-making.

EDUCATION

Degree	Specialization	Institute	Year	CPI
B. Tech	Computer Science & Engineering	BITS, Adoni	2025	8.37
Intermediate	Mathematics, Physics, & Chemistry	Sri Venkateshwara Jr College	2021	6.7
SSC	General	St.Antony’s E.M High School	2019	9.50

PROJECTS

- Aluminum Price Forecasting using UNI-Variant Time series Model** 
- Tools: Python, Statsmodel, XGBoost
- Developed a forecasting system using Python, XGBoost, and Statsmodel to predict global aluminum prices using over 10 years of historical and macroeconomic data
 - Designed a multi-model approach combining statistical and machine learning models to handle non-linear market behavior and economic volatility
 - Built explainable AI tools and dashboards to visualize predictions and support data-driven decision-making by procurement and policy teams
 - Positioned the system as scalable and cloud-ready, adaptable for industries like automotive, aerospace, and construction

TECHNICAL SKILLS

- Languages:** Python, Java, MySQL, HTML, CSS, JavaScript, Advance Java.
- Tools:** Jupyter Notebook, VS Code, GitHub, MySQL Workbench
- MOOCs:** Employability Skills, Soft Skills, Team Collaboration, Team Work, Problem-Solving, Time Management

PUBLICATIONS

- Aluminum Price Forecasting Using Uni-Variant Time Series model and CRISP-(Q) Methodologies** — Certifications

May 2025

ACHIEVEMENTS

- Java WorkShop Attende**

Oct 2024
- Gained hands-on experience in developing full-stack web applications using HTML, CSS, Javacript (front-end) and Java, JDBC, MySQL (back-end)
- Learned full-stack development workflow including CRUD operations, database integration, and deployment practices