

TEJAS A M

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OBJECTIVE

Seeking a challenging position in software development to leverage my expertise in web development and data science. Aiming to contribute to innovative projects at the intersection of technology and practical problem-solving in fields such as data analytics, application development, and collaborative team environments .

EDUCATION

- **Sapthagiri College Of Engineering** Dec 2021 - Aug 2025
B E in Computer Science and Engineering (CGPA: 8.69/10) Bengaluru, India
- **KLE Independent PU College** Feb 2018 - Mar 2020
Pre-University Education [PCMB] (Grade: 82%) Bengaluru, India
- **SSM Public School [ICSE]** Feb 2017 - Feb 2018
Secondary Education (Grade: 85%) Bengaluru, India

PROJECTS

- **SMART BILLING AND ENERGY MONITORING WITH IOT-ML** Dec 2024 – Feb 2025
Arduino IDE, Python, Machine Learning, IOT Sensors, VS Code, Matplotlib [\[G\]](#)
 - Developed an IoT-based Energy Management System using Python for real-time usage and predictive billing.
 - Integrated Arduino IoT sensors with Blynk app backend and applied ML regression models for 95%+ accuracy.
 - Designed Matplotlib-powered dashboard for visualizing consumption patterns and forecasting monthly electricity costs.
- **DIET RECOMMENDATION AND WORKOUT PLAN** Jun 2024 - Jul 2024
Tech Stacks : Python , Streamlit , Scikit Learn ,VS Code [\[G\]](#)
 - Built personalized Diet and Workout system using Python and Scikit-Learn for fitness recommendations.
 - Implemented K-Means clustering and Random Forest classifier on 2,500+ records, achieving 99.73% accuracy.
 - Created Streamlit interface for BMI calculation, prediction pipelines, and generating custom diet plans.
- **FOOD ORDERING SYSTEM** Aug 2023 - Sep 2023
Tech Stacks : VS Code , HTML, CSS , Javascript , SQL ,PHP [\[G\]](#)
 - Developed Food Ordering System using PHP backend and SQL database for 100+ registered customers.
 - Structured relational DBMS schema, optimized queries with indexes, reducing retrieval time by 25%.
 - Designed HTML/CSS frontend with JavaScript validation enabling seamless customer access to order details.

SKILLS

- **Programming Languages:** Java, Python, C
- **Web Technologies:** HTML , CSS , JavaScript, Git ,GitHub , MySQL
- **Data Science & Machine Learning:** Gen-AI, Scikit-learn ,NumPy ,Matplotlib ,Jupyter Notebooks
- **DevOps & Cloud-computing:** Fundamentals of Docker,Kubernetes,AWS.

CERTIFICATIONS

- **PYTHON (Netcraftz)** Jun 2023
- **Data Science Foundation (Infosys Springboard)** Jul 2024
- **JAVA Programming - Beginner to Master (Udemy)** Aug 2024
- **Agile Project Management (HP Life)** Aug 2024
- **Oracle Cloud Infrastructure 2025 Generative AI Professional** Aug 2025

KEY SKILLS

- **Languages:** English , Kannada , Hindi.
- **Soft Skills :** Project management,Time management,Adaptability, Communication .
- **Internships :** Java Full Stack Intern (Mevi Technologies Pvt Ltd), Machine Learning using Python (Karunadu Technologies Pvt Ltd) , Full Stack Development (Varcons Technologies Pvt Ltd).

VOLUNTEER EXPERIENCE

- **Open Source Contributor** Sep 2024 - Oct 2024
GirlsScript Summer Of Code [\[G\]](#)
 - Contributed to open-source projects by resolving issues, enhancing features, and improving code quality.
 - Improved usability and interface consistency for better user experience.
 - Enhanced skills in collaborative coding, issue resolution, and Git/GitHub.