

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: 8.73/10) Bengaluru, India
- **KLE Independent PU College** Feb 2018 - Mar 2020
Pre-University Education (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
 - Developed an energy management system for real-time power usage monitoring and predictive billing insights..
 - Implemented IoT sensors, created a cloud-integrated backend, and applied ML algorithms for accurate bill forecasting.
 - Designed an interactive dashboard to provide users with seamless access to usage patterns and predicted costs..
- **DIET RECOMMENDATION AND WORKOUT PLAN** Jun 2024 - Jul 2024 
Tech Stacks : Python , Streamlit , Scikit Learn ,VS Code
 - Developed a Diet Recommendation and Workout Plan system for personalized health and fitness guidance.
 - Implemented Kmeans clustering and Random Forest algorithms to achieve accurate personalization of diet and workout plans, based on data-driven insights.
 - Created an interactive Streamlit interface for seamless user experience and applied data processing techniques to analyze inputs, predict BMI, and provide personalized diet and workout recommendations.
- **FOOD ORDERING SYSTEM** Aug 2023 - Sep 2023 
Tech Stacks : VS Code , HTML , CSS , Javascript , SQL ,PHP
 - Developed a Food Ordering System for real-time order and delivery management .
 - Implemented a robust DBMS backend to optimize order processing and delivery tracking, ensuring efficient data handling.
 - Created an interactive frontend for seamless customer access to order details and applied database structuring techniques to enhance order processing speed and service efficiency.

SKILLS

- **Programming Languages:** Java, Python, C.
- **Web Technologies:** HTML , CSS , JavaScript, Git ,GitHub ,SQL.
- **Data Science & Machine Learning:** Scikit-learn ,NumPy ,Matplotlib, Pandas,Jupyter Notebooks,
- **Tools:** Excel, Visual Basics, SharePoint,Power BI
- **DevOps & Cloud-computing:** Fundamentals of Docker,Kubernetes,AWS.

CERTIFICATIONS

- **PYTHON (Netcraftz)** Jun 2023
- **JAVA Programming - Beginner to Master (Udemy)** Aug 2024
- **Agile Project Management (HP Life)** Aug 2024
- **SQL Intermediate (HackerRank)** Oct 2024
- **Power BI for Beginners** Sep 2025
- **SharePoint Online (Udemy)** Sep 2025

KEY SKILLS

- **Languages:** English , Kannada , Hindi
- **Soft Skills :** Project management,Time management,Adaptability, Communication ,Team Collaboration .
- **Internships :** Java FullStack Internship (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
 - Contributed to open-source projects by resolving issues, enhancing features, and improving code quality.
 - Improved usability and interface consistency while enhancing skills in collaborative coding, issue resolution, and Git/GitHub.