Keerthi K V

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SUMMARY

Motivated **Computer Science and Engineering student** at **Jyothy Institute of Technology**, passionate about technology, design, and innovation. Skilled in problem-solving, programming, and digital tools, with a keen interest in **design, digital marketing, and e-commerce**. Enthusiastic about exploring creative solutions and leveraging technology to build impactful digital experiences

EDUCATION

B.E in Computer Science & Engineering   **GPA – 8.0**   **2022-2026**

Jyothy Institute of Technology, affiliated with
Visvesvaraya Technological University (VTU), India

TECHNICAL SKILLS

Programming Languages: HTML, CSS, JavaScript, Python , Java
Frameworks: React.js , Next.js
Tools & Software : Git, Git Bash, Linux/Ubuntu, AWS (S3, EC2) , Jenkins

ACADEMIC PROJECTS

VTU, On Demand Services Platform   **December 2024**

- Developed a platform that allows users to request services and manage bookings using **HTML, CSS, JavaScript**, and **GSAP** for dynamic animations
- Utilized **XAMPP server** for database management, handling user registrations, booking details, and service history.
- Designed and implemented an **Admin Dashboard** for monitoring bookings, orders, and viewing service history in real-time.

VTU, Real-Time Waste Littering Detection and Fine Enforcement System   **Ongoing**

- Developing a real-time littering detection system using YOLOv8 and DeepSORT for object tracking
- Integrating face recognition to identify individuals and match details from a MongoDB database
- Implemented secure user authentication and session management in the connected web portal using JSON Web Tokens (JWT)
- Automating fine generation and notification via a connected web portal, enables authorities to monitor violations

OTHER ACTIVITIES

Accenture North America Data Analytics and Visualization Job Simulation on Forage November2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

3D Animated Website Deployment on AWS

- Deployed a static, 3D animated website by configuring a web server on an Amazon EC2 instance running Ubuntu.
- Utilized Amazon S3 for scalable and cost-effective hosting of the website's static assets.
- Gained hands-on experience with core AWS services, Linux server management, and cloud deployment practices

Enigma 2024 : Stock Analysis Predictor   **December 2024**

- Developed a **Stock Analysis Predictor** using **LSTM** with the assistance of **ChatGPT**.
- Utilized **Streamlit** for the web app interface and **TensorFlow** for stock price prediction models.
- Integrated **Yahoo Finance API** for real-time stock data and implemented technical analysis tools like **Moving Averages**, **Bollinger Bands**, and **RSI**.
- Added **Sentiment Analysis** to predict stock trends by analyzing recent news using **NewsAPI**