

Praveen Kumar

Third year - CSE (AI) - AWS Certified

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OBJECTIVE

To leverage my technical expertise and commitment to code quality in a forward-thinking environment, driving impactful solutions and ensuring robust, efficient software that aligns with industry standards and or goals.

PROJECTS

FAKE NEWS CLASSIFICATION USING XGBOOST 2022

- Applied extreme gradient boost classification for detecting false news in text and video.
- Achieved high accuracy, tested on multiple datasets to enhance robustness.

ReXNet-150: Automobile Parts Classification 2023

- Developed a classification model based on ReXNet-150 to improve identification efficiency and reliability in automotive parts.
- Achieved impressive accuracy through advanced model validation.

AUTONOMOUS DELIVERY DRONE 2023

- Collaborated with a team of 10 in the Autonomous Drone Development Challenge (ADDC) 2024, associated with Amrita Vishwa Vidyapeetham and SAEINDIA. Focused on path planning software and object detection model development.
- Achieved 2nd Runner-Up, demonstrating technical excellence and innovation.

PUBLICATIONS (IEEE)

Analyzing the Potential of ReXNet-150: A Novel Architecture for Automobile Parts Classification May 3-4, 2024

- Co-authored and presented at the 3rd IEEE International Conference on Artificial Intelligence for Internet of Things (AIIoT 2024), organized by the School of Electronics Engineering, Vellore Institute of Technology, India.

Enhancing Fake News Detection: A Comprehensive Framework Leveraging XGBoost and CNNs May 3-4, 2024

- Co-authored and presented at the 3rd IEEE International Conference on Artificial Intelligence for Internet of Things (AIIoT 2024), organized by the School of Electronics Engineering, Vellore Institute of Technology, India.

CERTIFICATIONS

- AWS Cloud Foundation Certified  2024
- AWS Academy Cloud Architecting Certified  2024

EDUCATION

B.Tech in Computer Science and Engineering (Artificial Intelligence) 2022 - Present

- Amrita Vishwa Vidyapeetham, Chennai. CGPA - 8.63/10

Class XII (CBSE) 2021-2022

- Maharishi International Residential School, Sriperumbudur. 75%

Class X (CBSE) 2019-2020

- D.A.V BHEL SCHOOL, Ranipet. 82.6%

SKILLS

- Areas of Interest: Programming, Cloud Computing, Web Development, Database Management
- Programming Languages: C++, C, Java, Python, SQL, JavaScript
- Software: Visual Studio, Microsoft SQL Server, Eclipse, XCode, Interface Builder
- Tools and Technologies: Roboflow, Git & GitHub, VS Code, Jupyter Notebook, Google Colab, Linux