

AKSHAT SRIVASTAVA

Software Developer — Machine Learning and AI — Full Stack Developer

Lucknow, Uttar Pradesh, 226025

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🐙 github.com/LogicLordAkshat 📄 leetcode.com/u/LogicLordAkshat3

Education

Vellore Institute of Technology, Vellore	July. 2023 – Present
B. Tech. Honors in <i>Computer Science and Engineering (Spec.in IoT)</i> (CGPA 8.17)	Vellore, Tamil Nadu
Delhi Public School, Eldeco	April. 2008 – 2022
Secondary and Senior Secondary in <i>Physics, Chemistry and Mathematics</i>	Lucknow, Uttar Pradesh

Experience

Executive Director and Full Stack Developer	Feb 2024 – Present
VITrendz	Vellore, On-Site
<ul style="list-style-type: none">Developed and maintained the VITrendz platform, which serves 100,000+ users across all VIT campusesBuilt and integrated features like the FFCs Planner, GPA Calculator, and Travel Mate using React.js, TypeScript, and Node.js.Utilized MongoDB and Express.js to design scalable and efficient backend services.Implemented type safety and modular architecture with TypeScript for both frontend and backend components.Collaborated with cross-functional teams to ensure smooth platform performance and timely feature rollouts.Contributed to the platform’s rapid growth by optimizing user engagement and enhancing the overall user experience.	

Projects

🔗 HeptaSlice <i>Python, Tensorflow, Resnet50, Deep Learning</i>	Feb 2025
<ul style="list-style-type: none">Engineered a state of art deep learning model using Tensorflow for automated liver tumor segmentation, enhancing diagnostic precision and aiding in personalized treatment planning for 130 CT Scan Images.Made use of tensorflow and Resnet50 convuclational model to accurately detect and segment the tumor area.The trained model had accepted accuracy of 98.74 on test data.	
🔗 Resumify <i>Python, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, Pickle</i>	May 2025
<ul style="list-style-type: none">Developed a resume categorization system using K-Nearest Neighbors (KNN) for multi-class text classification.Implemented text preprocessing and vectorization using TF-IDF for transforming resume content into feature vectors.Applied data cleaning techniques using Regular Expressions to handle inconsistencies and noise in resume data.Deployed the trained model for resume prediction using a pickled pipeline, allowing for quick inference.	
🔗 FeedZone <i>HTML, CSS, JavaScript, News API</i>	May 2025
<ul style="list-style-type: none">Developed a news aggregation platform that fetches and displays news from various categories using the News API.Implemented a search functionality to filter news articles based on user input for specific keywords.Designed a responsive user interface with category-based navigation and dynamic content rendering.Utilized template elements and JavaScript to efficiently create and update news cards in the DOM.	

Achievements

Finance Head - German Literary Association, VIT Vellore	Nov. 2024 - Present
Managed budgeting, financial planning, and fund allocation to optimize club resources effectively.	
GirlScript Summer of Code	Oct. 2024 - Dec. 2024
Open Source Contributor	https://gssoc.girlscript.tech/
Competitive Programming	2024 - Present
Solved over 350+ problems across online coding platforms including LeetCode, HackerRank, and GeeksforGeeks.	

Technical Skills

Languages: : Python, C++, JavaScript, Java, C, R
Developer Tools: : VS Code, Jupyter, Anaconda, Pycharm, Matlab, Rstudio
Technologies/Frameworks: : Git, GitHub, ReactJS, NextJS, NodeJS, ExpressJS, MongoDB, DynamoDB, Flask, Streamlit, PostgreSQL, Tensorflow, Django, Pytorch, FastAPI, Flask, Firebase, Pandas, Numpy, Webpack, MS Excel, Google Cloud Platform,
Coursework: Data Structures and Algorithm, Design and Analysis of Algorithm, Theory of Computation, Object Oriented Programming, Python
Areas of Interest: Data Structures and Algorithms, Web Development, Data Science, Machine Learning, Deep Learning, Data Analysis