SRI NAGA JATHIN P

📞 +91 7259326923 ✉ Jathinp2019@gmail.com ✉ 22f3002189@ds.study.iitm.ac.in 🔗 LinkedIn ⏻ GitHub

EDUCATION

Amrita School of Engineering — Oct. 2020 – May 2024
Bachelor of Technology in Computer Science Engineering; CGPA: 8.62/10.0 — *Bengaluru, India*

Indian Institute of Technology — Sept. 2022 – May 2025
Bachelor of Science in Programming and Data Science; CGPA: 7.67/10.0 — *Madras, India*

Indian Institute of Technology — Sept. 2022 – May 2024
Artificial Intelligence and Machine Learning — *Kanpur, India*

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Python, Java
Technologies/Frameworks: Express, React, Angular, MongoDB, Git, AWS, MySQL, Splunk, AWS
Developer Tools and Methodologies: VS Code, Jupyter Notebook, GitHub, JIRA, Agile, Waterfall, Extreme Programming

PROJECTS

Techie Corner | *MERN stack* — **GitHub**
- Engineered an integrated university portal enabling 10k+ students to access academics, payments and learning through a MERN and Flask application.
- Reduced login failures by 30 % implementing JWT authorization, enhancing student experience and security.
- Integrated Stripe API to enable seamless fee payments including tuition, bus and housing.
- Created a React quiz portal with Flask backend enabling real-time sync of test scores to student dashboards
- Built a simple text editor to download notes as .txt files and customized UI components using React libraries

Consumer Review Analyser | *Machine Learning* — **GitHub**
- Developed an XGBoost model predicting consumer dispute risk using 400,000+ real complaint records.
- Improved dispute prediction accuracy by 5% over baseline through rigorous EDA, algorithm selection and hyperparameter tuning.
- Constructed an end-to-end ML pipeline enabling seamless batch and real-time predictions on new complaints.
- Operationalized model inferences to provide actionable dispute risk forecasts for consumer finance complaints.

Text Analyser | *NLP , Python , Flask* — **GitHub**
- Created a modular web application enabling plagiarism detection, text summarization, paraphrasing and grammar correction.
- Combined rule-based techniques and ML models like TextRank and BERT to ensure over 90% accuracy across NLP tasks.
- Designed an intuitive UI for users to seamlessly access multiple text analysis features through one platform.
- Operationalized NLP microservices for plagiarism checking, summarization and paraphrasing using Python, NLTK and TensorFlow.

Wizarts - Art Display Webpage | *HTML, CSS, Github Pages* — **GitHub Link**
- Designed an art gallery web app showcasing artwork from 50+ amateur artists using HTML, CSS and JavaScript.
- Led development of responsive UI and core pages ensuring smooth user experience.
- Managed CI/CD pipelines and GitHub Pages deployment for rapid iterations and collaboration.

CO-CURRICULAR

Computer Society of India — Feb. 2023 – Present
President — *Bengaluru*

Kala - The art club — June 2022 – August 2022
Executive — *Bengaluru*

CERTIFICATIONS

- Hacker-rank- Analytic.
- Hacker-rank - Java
- MongoDB - Basics.
- MongoDB - Diagnostic thinking.
- AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1
- Amazon Web Services - AWS Foundation
- Google Cloud Platform -Associate Cloud Engineer
- Simpli-learn : Associate AWS Cloud Developer
- Simpli-learn : CompTIA Linux+
- Splunk 7.x Fundamentals