




Vishwajith S

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Technical Skills

- **Languages/Tools:** HTML, CSS, JavaScript, Python, C/C++, Git, Bash, SQL, SQLite, Postman, Docker
- **Frameworks/Libraries:** ReactJS, Vite, Tailwind CSS, Bootstrap, Node.js, Express.js, REST APIs, JWT
- **Analysis libraries/Frameworks** Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, MAE, MSE, Machine Learning(Random Forest, Regression, Classification, Clustering)

Project Work

- **EbolaCast – Machine Learning for Epidemic Forecasting** |  2025
Machine Learning Engineer
 - Developed a machine learning pipeline to predict Ebola-related deaths and Case Fatality Rates (CFR) using epidemiological datasets sourced from WHO and HDX.
 - Engineered and evaluated models including Random Forest, SVR, Gradient Boosting, and AdaBoost, selecting the top performers using R^2 and MAE metrics.
 - Achieved 89% R^2 accuracy for mortality prediction and implemented a modular, multi-output framework for scalable deployment and future epidemic forecasting.
- **CodexScan – AI-Powered Code Reviewer** |  2024
Back-End Developer
 - Designed a code review tool using Node.js/Express and Gemini API for LLM-based analysis.
 - Implemented endpoints to interact with Gemini AI and return real-time structured feedback on code quality, security vulnerabilities, and performance improvements.
 - Unique in its integration of LLM-based analysis for customizable code review pipelines across multiple programming languages.
- **Lancify – Freelancing Website** |  2023
Full Stack Developer
 - Developed a web platform that connects freelancers with clients across various service domains, focusing on intuitive UX.
 - Used HTML, CSS, JavaScript, React for frontend development and Node.js with Express for backend services.
 - Successfully deployed the platform, allowing multiple users to register, post, and accept jobs, resulting in enhanced user interaction and satisfaction.

Education

- **Indian Institute of Information Technology, Sricity** 2021 – 2025
B.Tech in Computer Science and Engineering
- **DAV Higher Secondary School, Chennai** 2019 – 2021
Higher Secondary, Computer Science

Certifications

- Mastering Data Structures & Algorithms using C and C++, Udemy
- The Complete Web Development Bootcamp, Udemy