Vadla Nishith

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Github : https://github.com/Nishith-062
Portfolio: https://nishith-portfolio.vercel.app/

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Summary

Motivated and detail-oriented professional with expertise in web development, Python, Data Structures & Algorithms (DSA), and Machine Learning (ML). Proficient in building scalable, user-friendly applications and developing intelligent models to derive data-driven insights. Skilled in optimizing algorithms for high performance, problem-solving, debugging, and writing clean, maintainable code. Experienced in collaborating with cross-functional teams to deliver innovative and impactful solutions on time. A quick learner with a strong foundation in computer science principles, driven by a passion for continuous improvement, exploring AI/ML advancements, and staying updated with the latest technologies.

Experience

Virtual Internship — Green Skills Program (AICTE & Edunet Foundation) May–July 2025 | Remote
- *Completed government-backed internship on sustainable technology.*
- *Built an ML model for fire type classification using MODIS satellite data.*
- *Applied Python and remote sensing for environmental analysis.*

Education

Bachelor in Engineering *CGPA: 8.95/10.0*	**Chaitanya Bharathi Institute of Technology** *2023 – 2027*
Intermediate *Score: 981/1000*	**Eamcet Rank:** *2008*

Technical Skills

Programming Languages	JavaScript, Python, R language,
Frontend	HTML, CSS, Bootstrap, Chakra UI, TailwindCss
Backend	Node.js, Express.js, Sockets
Machine Learning	Scikit-learn, Pandas, NumPy, TensorFlow, Seaborn, Matplotlib
Frameworks	React JS
Databases	MySQL, MONGODB, POSTGRESQL, Cloudinary
Developer Tools	VS Code, Google colab

Projects

AI-Powered Language Tutor | 2nd Runner-Up, VJ Hackathon 2025
- Developed full-stack EdTech platform using React.js, FastAPI, and MongoDB for AI-driven language learning.
- Handled frontend, backend, DB design, and integration of ML grammar correction models.

SyncPad | Real-time Technical Interview Platform
- Built full-stack platform using React.js, Node.js, MongoDB, Liveblocks, and LiveKit for live coding interviews.
- Designed learner & interviewer dashboards with real-time editor, video chat, theme switch, and full-screen mode.

Recipe Generating Web Platform https://recipe-box-ivory.vercel.app/
- Built a MERN stack recipe-sharing platform with ingredient-based search, sorting & filtering.
- Designed a responsive UI with light/dark mode for better experience

Achievements

- **2nd Runner-Up** – VJ Hackathon 2025 (VNR VJIET, Hyderabad)
- **Special Mentions** – CBIT Hacktoberfest Hackathon 2025
- **LeetCode**– Solved 200+ problems; achieved a 1536 rating

Certifications

Machine Learning Specialization — DeepLearning.AI & Stanford University (Completed June 2025)
Taught by Andrew Ng, Aarti Bagul, Geoff Ladwig & Eddy Shyu
- Courses: Supervised Machine Learning: Regression and Classification (99.60%), Advanced Learning Algorithms (99.47%), Unsupervised Learning, Recommenders, Reinforcement Learning (99.40%)

Programming, Data Structures and Algorithms using Python   NPTEL CERTIFICATIONS

Google Data Analytics Professional Certificate Developed skills in data analysis, data cleaning, visualization, and SQL.