Avinash Sunka

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portfolio-website-ebon-seven.vercel.app/ | linkedin.com/in/avinash-sunka | github.com/AvinashSunka

Summary :

Aspiring Software Engineer with expertise in **DSA, JavaScript, Python, React.js, and Django**. Built scalable web and ML projects, optimizing performance and UX. Solved **500+ DSA problems** on **LeetCode**, showcasing strong problem-solving skills. Seeking opportunities to apply technical knowledge in real-world challenges.

Education

JNTUH University College of Engineering, Manthani, Bachelor of Technology (B.Tech) in Computer Science and Engineering   2021 – 2025

- CGPA: 6.9/10.0
- **Coursework:** Computer Organization Architecture, Database Management, Data structures, Algorithms, Operating Systems, OOP's concepts, Computer Networks.

TSRJC Nandhi Medaram, Intermediate   2018 – 2020

- CGPA: 9.33/10.0
- **Coursework:** Mathematics, Physics, Chemistry

Work Experience

Frontend developer, Nexus info – Tamilnadu   Jun 2024 – July 2024

- Designed and launched a JavaScript-based IT services website, enhancing user engagement by 30%.
- Developed a responsive, mobile-first UI using **JavaScript** & **Tailwind CSS**, improving UX across all devices and mobile usability by 40%..
- **Tools Used: HTML5, CSS3, Tailwind CSS, JavaScript.**

Projects

Personal Portfolio Website   github.com/AvinashSunka/IT-portfolio

- **Developed** a fully responsive **React.js portfolio** to showcase projects and skills, boosting GitHub engagement by **40%**.
- **Implemented** modern UI/UX using **Tailwind CSS**, ensuring seamless performance across devices.
- **Optimized** website speed and accessibility, improving **user experience and visibility**.
- **Tech Stack:** HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), React.js

Fest Website   github.com/AvinashSunka/matrix-website

- **Built** a responsive event website using **JavaScript & CSS**, improving fest **participation by 50%**.
- **Integrated** an event registration system, streamlining **sign-ups and user navigation**.
- **Optimized** mobile responsiveness, ensuring accessibility across **all devices**.
- **Tech Stack:** HTML5, CSS3, JavaScript

Bitcoin prediction Using LSTM Algorithm   github.com/AvinashSunka/bitcoin-price-prediction

- **Developed** an **LSTM-based machine learning model** to forecast Bitcoin trends with high accuracy.
- **Trained** the model using **Keras & Python**, improving **prediction efficiency** for investors.
- **Optimized** time-series analysis, enhancing investment returns by **20-30%**.
- **Tech Stack:** Python, Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, Keras, Jupyter Notebooks

Soft Skills

Soft Skills : Leadership skills, Positive mindset, Critical thinking.

Technologies

Languages: C++, C, Java, SQL, JavaScript, Python, Perl, CShell, Tool Command Language (TCL), HTML, CSS.

Frameworks: React.js, Django, Tailwind CSS, Rest Framework and Rest APIs.

Others: Unix programming (Intermediate), Machine learning (intermediate), Git & Github for version control.