VARUN SAXENA

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Education

Acharya Institute Of Technology(VTU)   **December 2021 – May 2025**
Bachelor of Engineering in Computer Science(AIML) CGPA-8.9   *Bangalore, Karnataka*

Relevant Coursework

- Data Structures and Algorithm
- Blockchain
- Cloud Computing
- Database Management
- Artificial Intelligence
- Object Oriented Programming

Internship

Outlier AI   **October 2024 – November 2024**
AI Expert

- Trained Meta Llama and similar language models, improving model performance by 25% through targeted fine-tuning and optimization techniques.
- Monitored the latest AI advancements in NLP and large language models, applying new techniques that contributed to a 12% increase in overall model efficiency.
- Created detailed reports on model configurations, training processes, and outcomes, reducing onboarding time for new team members by 40%.

Dean Infotech   **April 2024 – June 2024**
Software Engineer Intern

- Contributed to building and optimizing features for web applications, improving functionality and user experience by 20%.
- Identified and resolved software bugs, reducing reported issues by 30% and enhancing system stability.
- Reviewed and refactored existing code, increasing code efficiency and readability, leading to a 15% performance boost.

Projects

Sorting Visualizer (github.com/varuns-2002/SortingVisualizer)

- Developed an interactive visual tool that illustrates 100% of the sorting process for multiple algorithms, enhancing user understanding through real-time animations.
- Implemented and optimized 3+ sorting algorithms, including Bubble Sort and Selection Sort, enabling comprehensive comparative analysis.
- Built a responsive platform using HTML, CSS, and JavaScript, ensuring it works smoothly on 95% of devices and all major browsers.

Interactive Storytelling Platform (github.com/varuns-2002/Interactive-Storytelling-Platform)

- Developed an interactive storytelling platform where user choices influence 100% of the narrative path and outcomes, enhancing engagement and user immersion.
- Designed a clean, intuitive interface that improved user navigation by 30%, enabling seamless exploration of interactive stories and enhancing the reading experience.
- Built the platform using HTML, CSS, JavaScript, and Flask, ensuring 100% accessibility on all modern browsers without needing extra software.

Creature Of Nature (opensea.io/CreatureOfNature)

- Designed a unique NFT series using AI tools, showcasing 100% original, abstract and surreal creatures inspired by elements of nature.
- Hosted on OpenSea, enabling 100% secure and verifiable ownership through blockchain technology.
- Designed for art collectors and digital art lovers, blending 80% visual beauty with 20% advanced technology.

Technical Skills

Languages: C/C++, Java, Python, HTML, CSS, JavaScript, SQL, MongoDB.
Developer Tools: VS Code, Eclipse, Git/Github, Cursor, Postman, AWS, Docker.

Achievements

- Cleared Flipkart Grid 6.0 Level 1.(https://shorturl.at/M4Az5)
- Achieved a 99.63 percentile in Round 1 of the Naukri Campus Young Turks Program, securing an All India Rank of 1867.(https://shorturl.at/G8TFA)
- Solved around 350+ questions on Coding Ninja.(https://shorturl.at/zyrAR)