VAMSHI VARDHAN

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PROFILE SUMMARY

Hardworking and Passionate programming enthusiast.Interested in solving problems and innovative application of skills. Can easily understand the underlying semantics of a less complex model and can get the best code needed from AI

EDUCATION

Bachelor in Computer Science Engineering, NIT Andhra Pradesh   Expected 2025

CourseWork:

- Artificial Intelligence, Applied Machine Learning, Natural Language Processing, Elements of Statistical Learning
- Web Application Development, Database Management Systems, Computer Networks
- Software Engineering, Object-Oriented Programming
- Data Structures and Algorithms, Design and Analysis of Algorithms
- Unix Tools and Shell Scripting, Operating Systems, Computer Organization and Architecture
- Language Processors, Theory and Design of Programming Languages, Theory of Computation

SKILLS

Programming languages	C++, Python, Java, JavaScript
Libraries and Frameworks	React, Matplotlib, Numpy, Pandas, Sklearn
Soft Skills	Creative Problem Solving, Adaptability, Continuous Learning, Critical Thinking
Technical Skills	Linux, Web Dev, ComputerVision, NLP

PROJECTS

Blog Website(SourceCode, Website)

Built a blog website by using React framework, Tailwind CSS, Express for Backend, MongoDB as Database, authentication using JSON Web Tokens and Google OAuth integration, Firebase for Storage and Redux Toolkit for state management.

Implemented SwintBTS paper(Notebook)

SwinBTS is 3d Brain Tumor Segmentation multimodel which uses Swin Transformer for convolution layers and a special transformer is used for attention. The dataset used is BraTS. Transformers are the latest trend because attention is all you need.

PERSONAL ACHIEVEMENTS

Interested in exploring the courses offered by the best colleges. Some of them are:

Stanford	**MIT OCW**
CS161: Design and Analysis of Algorithms	18.06SC: Linear Algebra
CS221: Artificial Intelligence: Principles and Techniques	6.851: Advanced Data Structures

EXTRA-CURRICULAR ACTIVITIES

Actively interact with other programming enthusiasts in Twitter and also love to know about a variety of projects on Github. Practicing in leetcode. An avid reader of technical books.

OTHER LINKS

Leetcode, Kaggle, Github