

Nannepaga Vanaja

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 GitHub Profile

 LinkedIn Profile

OBJECTIVE

Seeking a challenging position in a forward-thinking company where i can utilize my expertise as a frontend developer and my strong skills in DSA,CP to contribute to innovative projects and be part of a team that is making a significant impact.

EDUCATION

- **INDIAN INSTITUTE OF TECHNOLOGY BHILAI** 2026
BTECH - Computer science and Engineering CGPA: 7.41
- **NARAYANA JUNIOR COLLEGE** 2021
Andhra Pradesh Board of Intermediate Education, Andhra Pradesh Percentage:98
- **MONT FORT HIGH SCHOOL** 2019
Andhra Pradesh Board of Secondary Education, Andhra Pradesh CGPA: 9.8

PERSONAL PROJECTS

- **Handwritten Digit Recognition Using Adversarial Robustness [Link]**
Developed a robust handwritten digit recognition system using adversarial training techniques to improve model resilience. Implemented two CNN architectures (Simple CNN and Deep CNN) and trained them with adversarial examples generated using Projected Gradient Descent and Fast Gradient Sign Method on the MNIST dataset. The models were evaluated under both clean and adversarial conditions to assess classification accuracy, with a focus on enhancing robustness. After successful training, the models were saved for efficient deployment and future optimization
–Tools & libraries used: Pytorch, Torchvision, Numpy
- **AR home decor [Link]**
A Movie Costume feature that allows users to explore and purchase costumes and accessories inspired by popular movie characters, providing an engaging shopping experience. The AR Home Decor feature enables customers to visualize how home decor items would look in their living spaces through augmented reality, helping them make more informed purchase decisions. Both features are designed to enhance the user experience by integrating advanced technologies, offering seamless interaction and visualization for customers..
–Tools & technologies used: HTML, CSS, Javascript, React.js, AR.js

TECHNICAL SKILLS

Programming Languages: C, C++, Python, JavaScript, Shell Scripting

Development Tools: Git, GDB, Docker, Version Control Systems (Git, GitHub)

Web Technologies: HTML, CSS, PHP, LaTeX

Frameworks and Libraries: React.js, Node.js, Express.js, Angular, Bootstrap

Databases: MongoDB, SQL

Relevant Coursework: Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN), Computer Organization and Architecture (COA), Theory of Computation, Compiler Design, Data Structures, Discrete Mathematics

Soft Skills: Time Management, Strong Work Ethics, Leadership, Teamwork, Communication, Problem Solving, Adaptability

POSITIONS OF RESPONSIBILITY

Volunteer for Student mentorship program 2023 - Provided guidance and support to students, helping them achieve academic and personal growth through a structured mentorship program

ACHIEVEMENTS

- **Achieved a statewide rank of 1294 in the APRJC-CET examination** *2019*
- **Achieved a statewide rank of 5455 in the AP EAPCET examination** *2022*
- **Participated in Myntra’s Hacker Ramp 2024 and advanced to 2 phases.** *2024*