Nelavalli Venkata Bhaskara Devi Phanindra

✉ nelavalliphanindra4@gmail.com   📞 9989494236   📍 Intur,Guntur,AP-522341   🔗 Phanindra-Nelavalli

PROFESSIONAL SUMMARY

Enthusiastic Computer Science Engineering student with a solid understanding of software development, web, and mobile application development. Interested in exploring new technologies, especially Machine Learning (ML) and Artificial Intelligence (AI). Looking for opportunities to apply skills in projects that contribute to technological progress and solve real-world problems.

PROFESSIONAL EXPERIENCE

TechCorp Inc.
Jan 2022 – Present
San Francisco, CA

- Developed and maintained the user interface using React and Tailwind CSS.
- Collaborated with backend developers to integrate APIs and optimize performance.
- Led a UI redesign that improved user engagement by 30%.

KEY PROJECTS

Sign Bridge
Indian Sign Language Translator

- Developed a cross-platform mobile app using Flutter to convert voice input to Indian Sign Language (ISL) visuals, serving 100+ users in the testing phase.
- Implemented Flask for backend services and API integration, reducing server response time by 20% and ensuring efficient data handling.
- Integrated Firebase for real-time database management and user authentication, achieving 99% reliability and secure user data storage.
- Applied Machine Learning models (BERT, Transformers) to achieve 85% accuracy in voice-to-text and text-to-sign language conversion across 500+ interactions.
- Enhanced communication accessibility, receiving 90% positive feedback from pilot users and recognition from mentors.

Lexica AR
Immersive Educational Tool

- Created a mobile app with React Native and ViroReact, engaging 200+ students with AR features to simplify complex concepts.
- Integrated Firebase for real-time data management, personalized learning, and secure authentication, improving app efficiency by 30%.
- Designed AR models to visualize complex topics, increasing student comprehension by 40% based on feedback.
- Achieved a 95% AR content retrieval rate, reducing downtime and ensuring smooth access to resources.
- Boosted student participation and confidence by 25% through hands-on AR learning experiences.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science Engineering
Vishnu Institute of Technology
2022 – present
Bhimavarm, India
CGPA - 9.42

Intermediate
K.V.S.R.T Junior College
2020 – 2022
Chilumuru, India
Percentage - 97.6%

SSC
K.Z.P High School
2019 – 2020
Intur, India
Percentage - 99%

SKILLS

Technical Skills

- Programming Languages : Python, SQL, JavaScript
- Frontend Technologies : HTML, CSS, React.js
- Backend Technologies : Node.js,Express.js
- Android Development : Flutter, React Native(Basics)
- Data Analysis Tools : Pandas, NumPy
- Designing Tools : Figma

Soft Skills

- Communication

- Bridged the gap between theoretical and practical learning, earning praise from educators

E-CELL

Entrepreneurship Resource & Event Platform

- Developed and maintained the E-CELL website, supporting 500+ monthly users with entrepreneurship resources and event access.
- Added features like event registration and member login, increasing user engagement by 30% and improving access to resources for 200+ members.
- Integrated Three.js to create 3D visualizations of startups, increasing website engagement by 40%.
- Built UI components with React.js and backend services with Node.js/Express.js, improving website load times by 25%.
- Utilized Firebase for real-time event tracking and user authentication, achieving 99.9% uptime.

ACHIEVEMENTS

Finalist in the Internal Hackathon of SIH at VITB, where I developed a solution to a practical problem, creating a working prototype.

Finalist in the Spark Tank Competition at college, where I designed a solution and presented it to industry experts, receiving valuable feedback.

Top 50 team in the DEMUX 24-Hour Hackathon at BVRIT Narsapur, where my team developed the AGRO-GENSIS app, collaborating to meet deadlines and deliver a functional prototype.

Team Collaboration

Problem Resolution

Time Organization

Building Professional Relationships

Logical Analysis

CERTIFICATIONS

Google Foundations of CyberSercurity in Coursera

Paloalto CyberScurity

AWS Academy Cloud Foundations

ORGANIZATIONS

E-CELL VITB

Techniccal Lead

Bhimavaram, India