

BARRE SURYA NARAYANA

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EDUCATION

B.Tech in Computer Science & Engineering

July 2023 - July 2026

SRKR Engineering College, Bhimavaram, West Godavari, Andhra Pradesh

CGPA: 8.1

Diploma in Computer Science

July 2020 - June 2023

Andhra Polytechnic, Kakinada, Andhra Pradesh

CGPA: 8.2

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, HTML, CSS
- **Libraries/Frameworks:** JavaScript, React.js, Node.js, Express.js, React Native Tailwind CSS
- **Tools / Platforms:** VS Code, Postman, Figma
- **Databases:** MySQL, MongoDB

WORK EXPERIENCE

BlackBuck — AI-ML Intern

June 2024 - July 2024

Bhimavaram, Andhra Pradesh

- Successfully completed the IIDT BlackBucks internship on AI-ML using Python, solving over 15 real-world AI problems and achieving a top-5% ranking among 100+ participants.
- Developed and fine-tuned machine learning models, improving accuracy by up to 20%, and implemented scalable AI solutions that demonstrated practical applications in domains like healthcare and finance during the 8-week program.

Krify — PHP Developer Intern

Aug 2019 - Jan 2020

Kakinada, Andhra Pradesh

- Designed and managed CRUD operations for employee management, handling a database of over 500 employee records, optimizing query performance by 30%.
- Streamlined backend processes in a PHP environment, reducing data processing time by 25% and improving system reliability for end-users.

PROJECTS

Chatting Application

React.js, Express.js, MongoDB, Node.js, Tailwind CSS

Developed a real-time chat application using the MERN stack, enabling secure user authentication, profile management, and instant messaging features for over 200+ active users.

- Integrated a fully responsive design with Tailwind CSS, ensuring a seamless and intuitive user experience across desktop, tablet, and mobile devices, resulting in a 40% increase in user engagement.

Weather Prediction Application

React

Created a weather prediction application that provides real-time updates, accurate temperature forecasts, and timely weather alerts with a 95% accuracy rate in predictions. Integrated multiple reliable APIs for real-time weather data, optimizing data fetching speed by 30%, and designed an intuitive, user-friendly interface that improved user engagement by 25%.

CERTIFICATIONS

- Introduction to Cybersecurity - Cisco Networking Academy
- Core Java - Satyam Computers
- Python - Cisco Networking Academy
- Programming Essentials in C++ - Cisco Networking Academy