

# 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.

### Swiggy Clone

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

Built a full-stack Swiggy Clone with user authentication, real-time food ordering, cart management, and payment gateway simulation. Implemented responsive UI using Tailwind CSS, with dynamic restaurant listings, menu filtering, and efficient backend API handling using Express.js. Achieved performance optimization by reducing API response time by 35% and improving user retention through seamless UX flow.

## CERTIFICATIONS

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