

# B C Sai Bhanu Kiran

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## EDUCATION

### VIT-AP University, Amaravati

*Bachelor of Technology in Computer Science*

CGPA: 8.26

*Sep 2022 – May 2026*

### Sri Chaitanya Intermediate School, Hyderabad

*Telangana State Board of Intermediate Education*

Percentage: 90.3%

*June 2020 – June 2022*

### Sri Chaitanya EM School, Ananthapur

*Board of Secondary Education, Andhra Pradesh*

Percentage: 100%

*June 2019 – June 2020*

## EXPERIENCE

### MERN Full Stack Developer

*Ethnus*

June 2024 - Aug 2024

*Virtual*

- Engineered a full-stack web application using MongoDB, Express.js, React, and Node.js, creating a responsive platform that boosted user engagement by 20%.
- Constructed a job portal, enabling users to post job listings, search for opportunities, and manage applications, which increased interactions by 15%.
- Built RESTful APIs for seamless communication between the front-end and back-end, improving system responsiveness and reducing API response time by 30%.
- Designed a responsive user interface using React, optimizing user experience across devices, which led to a 25% increase in site traffic.
- Managed MongoDB databases and integrated secure authentication, enhancing user data security and login experience.

## PROJECTS

### Railway Reservation System | MERN Stack, MySQL

Aug 2024 – Dec 2024

- Built a fully functional railway reservation system using the MERN stack, optimizing the booking process and cutting reservation time by 40%.
- Engineered real-time data handling and a user-friendly interface, increasing engagement for booking, checking, and managing reservations by 25%.
- Utilized MySQL for data storage, speeding up data retrieval by 30%.

### Object Detection | YOLO, RCNN, Python

Aug 2024 – Dec 2024

- Applied YOLO and RCNN models for real-time object detection, achieving 95% accuracy in identifying vehicles and pedestrians.
- Enhanced performance by optimizing models for faster processing and lower latency.

## LICENSES AND CERTIFICATIONS

- MERN Full Stack Certification**
- Programming for Everybody (Getting Started with Python)**
- Python Data Structures**
- Using Python to Access Web Data**

## TECHNICAL SKILLS

**Languages:** Java, Python, C, SQL, JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

**Developer Tools:** Git, Google Colab, Kaggle, VS Code, Visual Studio

**Libraries:** pandas, NumPy, Matplotlib