

# Sai Sri Abhiram Nelluri

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Portfolio ▪ LinkedIn ▪ GitHub

## Education

### Bennett University

B.Tech in Computer Science and Engineering – 94.5%

Greater Noida, India

Aug 2023 – May 2027

### Narayana Junior College

Class XII – 97.2%

Vijayawada, India

Mar 2022

### Bhadrachalam Public School (CBSE)

Class X – 90.8%

Bhadrachalam, India

Mar 2020

## Experience

### ITC Limited

Machine Learning Intern

Bhadrachalam, Telangana, India

Jun 2025 – Jul 2025

- Built a real-time Automatic Number Plate Recognition (ANPR) system using YOLOv8, SORT, and EasyOCR.
- Developed a Flask-based web app for vehicle detection and number plate recognition from uploaded videos.
- Automated vehicle entry/exit logging with timestamps and improved data accuracy using interpolation techniques.
- Successfully deployed the system in the mill premises, achieving 91% vehicle tracking accuracy.

## Projects

### WashTrack – Laundry Management Platform — Live

Jul 2025

Node.js, Express.js, MongoDB, EJS, JWT, Postman

- Built multi-role laundry platform for students, managers, and admins with secure authentication and complete CRUD features.
- Designed REST APIs handling 11.5 req/sec with 565 ms latency; enabled real-time dashboards and analytics.
- Integrated JWT-based authentication, validation, and access control to ensure security and data consistency.
- Developed a user-friendly interface with real-time dashboards and analytics for efficient laundry management.

### CampusEats – Real-time Food Ordering System — Live

Sep 2024

Node.js, Express.js, MongoDB, JavaScript, Postman

- Developed live order tracking and role-based access for customers and vendors.
- Implemented OTP verification and notification system; sustained 3.5 req/sec throughput with 1.36 s latency under load.
- Integrated JWT-based authentication and full CRUD operations for secure and dynamic user management.
- Built a responsive and interactive interface for seamless food ordering and tracking experience.

### CodeVertex – AI-Powered Code Translator — Live

Oct 2025

Python, Flask, JavaScript, HTML, CSS, Google Gemini API

- Built a full-stack web app enabling real-time AI-powered code translation across 25+ programming languages.
- Developed Flask REST API with Gemini integration and secure key management; designed responsive dual-mode (light/dark) UI with animations and copy/swap features.
- Enabled developers to quickly translate, test, and learn multiple programming languages efficiently.

## Technical Skills

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

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, REST API, Postman

**Databases:** MongoDB, SQL, NoSQL

**Cloud & DevOps:** Git, GitHub, Render, Vercel, Serverless Functions

**AI/ML & Libraries:** Scikit-learn, Pandas, NumPy, OpenCV, TensorFlow, PyTorch

**CS Fundamentals:** Data Structures & Algorithms (200+ problems), OOPS, Computer Networks, Operating Systems