

## Sai Teja Karanam

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### Career Objective

Motivated 3rd-year Computer Science undergraduate with hands-on experience in the MEAN stack. Actively looking for opportunities to apply technical knowledge in real-world projects. An enthusiastic learner, NSS volunteer, and team player with a keen interest in full-stack development

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### Education

#### Bachelor of Engineering in Computer Science and Engineering

Sri Chandrasekharendra Saraswati Viswa Mahavidyalaya (SCSVMV), Expected Graduation: June 2026

- Current CGPA: 9.38

#### Intermediate

Gitam Junior College, 2022

- Achieved: 91%

#### Secondary School Education

Vignan Kerala English Medium School, 2020

- Achieved: 95%
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### Skills

#### Technical Skills

- **Programming Languages:** Problem Solving using Python and Java Script, Knowledge in C++, Java (Core, Intermediate)
  - **Web Development:** HTML, CSS, Java Script, Bootstrap, MEAN Stack (Angular, Node.js, Express.js, MongoDB)
  - **Database:** MongoDB, MySQL
  - **Machine Learning & NLP:** Regression & Classification algorithms (Scikit- Learn), NLP Libraries (NLTK, Spacy, Genism, Fast Text)
  - **Operating Systems:** Familiarity with Windows, Linux
  - **Tools:** Git, GitHub, Knowledge of REST APIs, Postman, Hopscotch, Passport JS for Authentication
  - **Strengths:** Quick learner with a passion for new technologies, strong problem-solving skills, and a collaborative team player with practical application enthusiasm
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### Projects Wanderlast – Simplified Clone of Airbnb

Tools Used: MongoDB, Node.js, Express.js, HTML, CSS, JavaScript

- Developed a full-stack app using MongoDB, Node.js/Express, HTML, CSS, and JavaScript, with MVC architecture and RESTful API integration for seamless frontend-backend communication

GitHub Link: [Saiteja2580/Wanderlast-Project \(github.com\)](#)

Website Link: <https://wanderlast-project.onrender.com/listings>

### Personal Portfolio

Tools Used: HTML, CSS, Java Script

- Developed a portfolio website using HTML, CSS, and JavaScript, incorporating modern CSS techniques like CSS Grid and Flexbox for a clean, professional layout.

GitHub Link: <https://github.com/Saiteja2580/Portfolio>

Website Link: <https://saitejak-portfolio.netlify.app/>

### Predictive Machine Learning Model on GST Analytics (Hackathon )

Tools Used: Python, Data Preprocessing, Scikit-Learn

- Developed a binary classification predictive model in a nationwide hackathon, achieving 93% accuracy through EDA, Pearson Correlation analysis, data normalization with Standard Scaler, and training with various ML algorithms.

GitHub Repo Link: [Saiteja2580/GST-Hackathon](#)

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### Certifications

- Complete Java Script by Jona Schmedtmann (Udemy)
- Version Control authorized by Meta (Coursera)

- MongoDB Bootcamp (5 Days by Let's Upgrade)
- Java Training by IITB Spoken Tutorial

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**Extracurricular Activities**

- Member of the College Tech Club, actively engaging in Machine Learning and Web Development workshops
- NSS Volunteer, involved in awareness programs and community service initiatives
- Participated in a month-long university-led project to extract manuscripts from palm leaves

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**Declaration**

I hereby declare that the information provided above is true to the best of my knowledge.

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**Sai Teja Karanam**

12/12/2024