

# Budumuru Srinivas Sai Saran Teja

Visakhapatnam, India

+91 7993027519 | [tejabudumuru3@gmail.com](mailto:tejabudumuru3@gmail.com) | [LinkedIn](#) | [GitHub](#)

## PROFESSIONAL SUMMARY

---

A highly motivated Computer Science graduate with hands-on experience in full-stack development, seeking to leverage skills as a Fullstack Engineer at Bemlo. Passionate about designing and building intuitive software that revolutionizes workflows and directly improves the lives of healthcare workers. Proficient in **React.js**, **Node.js**, and modern web technologies, with a strong background in developing responsive web applications, designing **RESTful APIs**, and implementing secure authentication systems. Demonstrated ability to integrate **AI functionality** for enhanced user experience and to optimize performance. A collaborative, solution-oriented team player excited by fast-paced startup environments and committed to delivering high-quality, user-centered solutions through clean and efficient code.

## TECHNICAL SKILLS

---

**Frontend:** React.js, Redux, HTML5, CSS, JavaScript (ES6+), JSP

**Backend:** Node.js, Express.js, Python, Java

**Databases & Cloud:** MongoDB, MySQL, Firebase

**Tools & Concepts:** Git, Postman, Linux, Agile, OOP, Data Structures, Algorithms, RESTful APIs, Secure Authentication, User-Centered Design, Optimization

**Soft Skills:** Team Collaboration, Problem Solving, Effective Communication, Solution-Oriented, Leadership

## PROJECTS

---

### AI Post Generator

[post-generator-iota.vercel.app](https://post-generator-iota.vercel.app)

*Full-Stack Developer*

- Led the development of a **MERN stack** application with **React.js** frontend and **Express.js/Node.js** backend, focused on delivering AI-driven content generation and an intuitive user experience.
- Obsessed over user interactions by optimizing cross-browser performance using lazy loading, React Router, and dynamic rendering, ensuring a seamless and effortless user experience.
- Engineered robust backend architecture with scalable **MongoDB** schemas and secure **JWT**-based authentication, significantly improving cookie management efficiency for enhanced security.
- Integrated a third-party **AI API** for dynamic content creation and implemented user authorization middleware, demonstrating a commitment to secure and functional AI solutions.
- Fostered a collaborative environment through **Agile** sprints, mentoring peers on **Redux** state management and **Git** workflows to maintain high code quality and team efficiency.

### Faculty Performance Monitor

*Software Developer*

- Developed a **Java**-based portal using **JSP** and **MySQL**, featuring intuitive, role-based dashboards designed to simplify workload tracking for educational professionals.
- Enhanced query performance by **30%** through **SQL** optimization and ensured scalability with modular code design, delivering faster data access and a more reliable application.
- Applied **Agile** methodologies to lead code reviews, documented processes thoroughly, and proactively resolved deployment issues, contributing to timely delivery of high-quality software.

### Employee Management System

*Software Developer*

- Built a **Python** and **MySQL**-based payroll automation tool with **Tkinter GUI**, directly reducing HR processing time by **20%** and streamlining administrative workflows.
- Implemented robust validation and exception handling mechanisms, ensuring high data integrity and reliability for over 500 employee records, which is critical for sensitive information.

EDUCATION

---

<b>MVGR College of Engineering (A)</b> <i>B.Tech in Computer Science; GPA: 7.48/10</i>	Vizianagaram, India <i>May 2025</i>
<b>Government Polytechnic College</b> <i>Diploma in Computer Engineering; Final Grade: 82.09%</i>	Anakapalle, India <i>June 2022</i>

CERTIFICATIONS

---

- AI and Machine Learning – AICTE
- Cloud Computing – NPTEL
- Java JUnit – Infosys SpringBoard
- Foundations of Artificial Intelligence – SkillUp

ACHIEVEMENTS

---

- Led team in Pega Systems Hackathon, demonstrating strong problem-solving and collaboration skills.

LANGUAGES

---

- English: Advanced
- Telugu: Native Proficiency