

EDUCATION

Sri Sairam Engineering College
B Tech Computer Science and Business Systems; CGPA: 8.44
St Joseph’s Matriculation Higher Secondary School
Senior Secondary (class 12); Percentage:89%

Chennai, India
June 2022 – June 2026
Chennai, India
May 2022

SKILLS SUMMARY

- **Programming Languages:** C, Python, Java
- **Web Development:** HTML, CSS, JavaScript, React JS, Node JS, My SQL
- **Business Analysis:** Power BI, Excel, PowerPoint, Tableau, MySQL
- **Tools / Technologies:** GitHub, Visual Studio, Netlify
- **Soft Skills:** Leadership, Decision Making, Teamwork

WORK EXPERIENCE

FULL STACK DEVELOPER | EAGLE TECH IT SOLUTIONS | [LINK](#) JUNE 24- JULY 24

- o Built responsive front-end solutions using **Web Tools**, accelerating development proficiency by **45%**.
- o Collaborated with 4+ senior developers to deliver cross-platform web applications, enhancing performance and compatibility.
- o Implemented modular design practices and developed reusable components across multiple pages, reducing front-end code redundancy by 35% and improving long-term maintainability.
- o Participated in Agile-based sprints and actively engaged in daily stand-ups, sprint planning, and reviews to align development efforts with project goals and timelines.
- o Published a major project repository on GitHub and maintained several personal projects, showcasing clean code structure, component reuse, and effective version control practices.

PROJECTS

Vigilant View – Crime Activity Detection System | [LINK](#)

- o Engineered a real-time crime activity detection system leveraging **YOLO**, **OpenCV**, and **AI/ML algorithms**, achieving a 94% accuracy rate in identifying suspicious behavior.
- o Implemented automated alert system using Python and cloud services, decreasing the average incident response time by 42% and enabling faster intervention by security personnel in high-risk areas.
- o Integrated **SQL** for structured data storage and efficient retrieval, ensuring seamless tracking and analysis of event logs.
- o Demonstrated expertise in real-time video processing and surveillance analytics, strengthening public safety measures.

Click Shop Online – E-Commerce Platform | [LINK](#)

- o Developed a fully functional e-commerce website using **HTML**, **CSS**, and **JavaScript**, offering a user-friendly shopping experience.
- o Implemented core features including user authentication, product catalog, shopping cart, and checkout system, improving user engagement by **36%**.
- o Optimized front-end responsiveness for seamless cross-device compatibility, increasing customer retention by **28%**.
- o Prioritized clean UI/UX design and efficient DOM manipulation, resulting in a 25% faster load time and improved SEO rankings.

Bill Invoice Generator – React-Based Application | [LINK](#)

- o Designed and deployed an intuitive invoice generation application using **React.js**, streamlining billing processes for small businesses.
- o Enabled real-time invoice creation with features like itemized entries, tax calculation, and downloadable PDF outputs.
- o Achieved a **40% improvement** in operational efficiency through automation of manual billing tasks.
- o Maintained modular and scalable code architecture, ensuring ease of future feature enhancements and maintenance.

CERTIFICATES

Programming in Java, Database Management System, Cloud Computing (NPTEL) | [CERTIFICATE](#)

- o Earned Elite + Silver honors in Java and Cloud Computing, mastering object-oriented design, cloud concepts, and scalable architectures.
- o Completed Database Management Systems course, gaining strong foundational knowledge in relational models and SQL.

C & Python Training (IIT Bombay - Spoken Tutorial) | [CERTIFICATE](#)

- o Successfully completed structured programming training in C and Python through IIT Bombay’s Spoken Tutorial Project.
- o Built solid understanding of programming fundamentals, syntax, and logic through guided learning modules.

AI & Business Tools (LinkedIn & Microsoft) | [CERTIFICATE](#)

- o Completed LinkedIn certifications in Business Analysis, Generative AI, and AI for Digital Marketing.
- o Gained hands-on skills in AI Builder, Power Virtual Agents, and ML model creation through Microsoft training modules.