

# SANA LOKESH REDDY

+91 72070 96013 — sanalokeshreddy@gmail.com — linkedin.com/in/sanalokeshreddy — github.com/sanalokeshreddy

## Profile Summary

Innovative and performance-driven Computer Science undergraduate with a strong academic record and hands-on experience in developing AI-powered, full-stack web applications. Skilled in React.js, Spring Boot, and cloud technologies, with a proven ability to build scalable, user-centric solutions. Successfully executed impactful projects and internships that demonstrate end-to-end software development, API integration, and real-time data handling. Recognized as a Top 2% NPTEL performer with multiple IIT-certified credentials. Eager to contribute to cutting-edge product teams, continuously learn, and solve complex technical challenges with a growth-focused mindset.

## Education

<b>SRM Institute of Science and Technology</b> <i>B.Tech in Computer Science Engineering</i>	<b>Jun 2022 – May 2026</b> CGPA: 9.45
<b>Narayana Junior College</b> <i>Board of Intermediate Education, Andhra Pradesh</i>	<b>Jun 2020 - May 2022</b> 94.2%
<b>Maharshi Vidyanikethan High School</b> <i>Board of Secondary Education, Andhra Pradesh</i>	<b>Jun 2019 - Mar 2020</b> 96.0%

## Skills

<b>Languages:</b> Java, Python, C++	<b>Tools:</b> Git, GitHub
<b>Python Libraries:</b> NumPy, Pandas, Matplotlib, Seaborn	<b>Course Work:</b> Data Structures and Algorithms,
<b>Frontend:</b> HTML, CSS, JavaScript, React.js	Object-Oriented Programming, Database
<b>Backend:</b> Spring Boot	Management Systems
<b>Database:</b> SQL	

## Experience

<b>Bluestock</b> <i>Software Development Engineer Intern</i>	<b>Nov 2024 – Dec 30 2024</b> Remote
<ul style="list-style-type: none"><li>Contributed to the frontend development of the Bluestock web application using HTML, CSS, JavaScript, and Bootstrap, ensuring responsive and user-friendly UI design.</li><li>Collaborated with the backend team to integrate APIs and dynamic content, ensuring seamless data flow and interaction.</li><li>Utilized PostgreSQL to fetch, store, and manage data, supporting real-time display and efficient querying on the platform.</li><li>Debugged UI issues and optimized page load times, improving overall user experience and performance across devices.</li></ul>	

## Projects

<b>DevSage – AI Bug Tracker</b> <ul style="list-style-type: none"><li>Developed a web-based tool that helps developers manage and prioritize software bugs using AI.</li><li>Integrated the Gemini AI API to automatically predict bug severity based on user-reported issues.</li><li>Built the frontend using React and Tailwind CSS; implemented responsive UI and intuitive forms for bug reporting.</li><li>Designed and developed the backend using Spring Boot and H2 Database, for data management and secure API communication.</li><li>Added support for comments and bug status updates</li><li>GitHub: <a href="https://github.com/sanalokeshreddy/DevSage">github.com/sanalokeshreddy/DevSage</a></li></ul>
<b>Bookstore Management System</b> <ul style="list-style-type: none"><li>Developed a Spring Boot application for book management, implementing CRUD operations.</li><li>Used Spring Data JPA to interact with a MySQL database.</li><li>Designed RESTful APIs for book retrieval and updates.</li><li>Integrated Thymeleaf templates for dynamic front-end rendering.</li><li>Ensured a smooth user experience with Spring MVC architecture.</li></ul>
<b>RetailAura - AI-Enhanced Retail Platform</b> <ul style="list-style-type: none"><li>As a team, we have developed RetailAura, an AI-powered retail application enhancing user experience with personalized recommendations and real-time conversational AI support.</li><li>Integrated secure and scalable technologies, including large language models (LLMs) for customer interactions, Firebase for backend operations, and secure payment gateways.</li><li>Created a conversational AI assistant for real-time customer support</li></ul>

## Certifications

---

- Python for Data Science (Elite Silver Certification)—NPTEL, IIT Madras (April 2025)
- Introduction to Machine Learning (Elite Silver Certification)—NPTEL, IIT Kharagpur (Sep 2024)
- Database Management System - NPTEL, IIT Kharagpur (Mar 2024)
- Programming in Java - NPTEL, IIT Kharagpur (Apr 2024)
- Programming in Modern C++ (May 2025)
- Oracle Cloud Infrastructure 2024 Certified Foundations Associate (February 2025)
- Github Foundations by Github (February 2025)

## Extracurricular Activities

---

### LOGIC PLAY CLUB, SRM University

Sep 2024 – Present

*Technical Team Associate*

- Contributed to the planning and execution of technical events, including workshops and hackathons focused on data analytics and emerging technologies.
- Played an active role in organizing the flagship event **Zettabytes**, aimed at enhancing students’ practical skills in data analytics.
- Collaborated with team members to design and troubleshoot technical projects, enhancing team efficiency and learning outcomes.
- Developed skills in leadership, communication, and event management while contributing to a positive and engaging club environment.

### SRI VIJAYA SEVA SAMITEE, Kadapa

Jun 24 - July 2024

*Volunteer*

- Assisted in the preparation and distribution of nutritious meals for elderly and underprivileged individuals, maintaining high standards of hygiene and care.
- Engaged in meaningful interactions with community members, offering emotional support and fostering a sense of belonging and companionship.
- Gained valuable experience in public engagement, and teamwork in a community-driven environment.

## Achievements

---

- **NPTEL Topper (Top 2%)** in *Python for Data Science* with an overall score of 88%; awarded **Elite Silver Certification**, certified by IIT faculty.
- Scored **Elite Silver Certification** in NPTEL’s *Introduction to Machine Learning* course, demonstrating strong foundational knowledge in ML algorithms and applications.