Sai Manikanta Karanam

Second Year (B.Tech)
Computer Science & Engineering
at Aditya University
CGPA:8.5 till 3rd Sem

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Links

Github:// **Saikaranam-70**
LinkedIn:// **saikaranam70**
LeetCode:// **saiKaranam70**
Portfolio:// **Saikaranam**

Skills

PROGRAMMING
Java, JavaScript, Python (working knowledge)

DATA STRUCTURES & ALGORITHMS
Arrays, Strings, Linked Lists, Stacks, Queues, Trees, Graphs, Hash Tables, Sorting, Searching, Dynamic Programming, Greedy, Sliding Window, Two Pointers, Backtracking, Etc.., (180+ LeetCode problems)

BACKEND
Spring Boot, REST APIs, Microservices (basic), Node.js, Express.js, JWT

FRONTEND
React.js, React Native (Basic), HTML5, CSS3, Tailwind Css

DATABASES
MySQL, MongoDB

TOOLS & CS FUNDAMENTALS
Git, GitHub, Postman, VS Code, IntelliJ, Eclipse, OOP, MVC Architecture, API Design

Education

2025-2028
B.TECH. IN CSE
Aditya University
CGPA : 8.5/10

2022-2025
DIPLOMA IN CSE
Sankethika Polytechnic College
Percentage: 92.36%

2022
HIGH SCHOOL
Z P High School
Percentage: 85%

Experience

2025 **Kolors Digital Services**   **Co-Founder & Full Stack Developer**
Co-founded a small development team delivering web applications for healthcare professionals. Built 5+ production-ready applications using the MERN stack, including appointment booking workflows. Improved application performance, achieving PageSpeed scores above 90.
JavaScript, React.js, Node.js, Express.js, MongoDB

2024–PRESENT **Freelance Full Stack Developer**   **Independent Projects**
Developed a billing and management system using Spring Boot (Java), React.js, and MySQL. Implemented RESTful APIs with JWT-based authentication and role-based access control. Optimized backend logic and database queries, improving response time by 40%.
Java, Spring Boot, React.js, MySQL, REST APIs, JWT

Achievements / Awards

2025 **Naukri Campus Young Turks**   **Round 2 Qualifier**
Qualified for Round 2 of a national-level coding and aptitude challenge, demonstrating strong problem-solving, logical reasoning, and analytical skills.

2025 **Aditya University Hackathon**   **Finalist**
Selected as a finalist among multiple teams for designing and implementing a functional web-based solution under time constraints.

Side Projects

2025 **Billing Software System**   **Spring Boot, React.js, MySQL**
Built a full-stack billing and inventory system for small businesses. Designed modular RESTful APIs with JWT-based authentication and role-based access. Optimized database queries and backend logic, improving performance by 40%.
GitHub: frontend | backend
Java, Spring Boot, React.js, MySQL, REST APIs, JWT

2024 **Red Cross Connect**   **MERN Stack**
Developed a web application to connect blood donors and recipients based on location and blood group. Implemented user authentication, real-time notifications, and efficient search functionality. Improved query efficiency and response time through optimized MongoDB indexing.
GitHub: frontend | backend
JavaScript, React.js, Node.js, Express.js, MongoDB

2024 **E-Commerce Web Application**   **Spring Boot, React.js, MongoDB**
Built an e-commerce platform with product listing, cart, and checkout features. Implemented backend services using Spring Boot and interactive UI using React.js. Improved frontend performance and ensured reliable API communication.
GitHub: frontend | backend
Java, Spring Boot, React.js, MongoDB, REST APIs