

BHANOOTH YASWANTH SAI

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SUMMARY

Dedicated Software Engineer specializing in Full-Stack Development, Machine Learning, and Data Science. Proficient in Java, ReactJS, and Python, with expertise in developing scalable applications. Experienced in cloud computing (AWS, SAP HANA) and backend systems (Spring Boot, NodeJS, ExpressJS). Proven leadership in organizing national-level technical events and delivering impactful software solutions.

EDUCATION

Bachelor of Technology, Sree Vidyanikethan Engineering College Dec 2020 - Jun 2024
Computer Science and Engineering

Secondary Education, Sri Chaitanya Junior Kalasala Apr 2018 - Mar 2020

High School (Class X), Sri Chaitanya EM School Jun 2017 - Mar 2018

SKILLS

Programming Languages	Java, Python, JavaScript
FrontEnd	HTML/CSS, React JS, Bootstrap
BackEnd	Node JS, Express JS, Spring Boot, REST API
Database	SQL, MySQL, Mongo DB
Theoretical Knowledge	DBMS, OS, Software Engineering, Data Structures and Algorithms
Devops & Monitoring	Kafka, Grafana, Kubernetes

SOFT SKILLS

Communication, Project Management, Event Management, Leadership Skills, Negotiation, Team-work

LANGUAGES

English, Telugu, Hindi

PROFESSIONAL EXPERIENCE

Software Developer Mar 2025 - Present
Ninja Cart

- Designed scalable backend systems using Spring Boot and Kafka for high-volume transaction platforms.
- Integrated third-party APIs to enhance data validation and streamline onboarding processes.
- Optimized event-driven data pipelines for real-time insights, reducing processing latency.
- Implemented secure transaction validation layers with PostgreSQL, ensuring high-throughput reliability.
- Collaborated on API-driven workflows to improve system integration and user experience.

Software Developer Intern Jan 2025 - Mar 2025
Ninja Cart

- Developed scalable backend systems using Spring Boot and Kafka, enhancing data processing efficiency.

Artificial Intelligence Intern Apr 2023 - May 2023
Corizo

- Built machine learning models using Python, focusing on data preprocessing and optimization.

PROJECTS

Role Based Access System (RBAC)

Nov 2024 - Dec 2024

Developed a secure RBAC system in React with role-based route guards, dynamic component rendering, and real-time role updates via local storage synchronization. Integrated JWT authentication for secure session management, enabling granular access control for users based on predefined roles (Admin, Editor, Viewer). Tech: React JS, React-Bootstrap

To-Do List Web App

Aug 2024

Developed a feature-rich to-do list application using React for the frontend and Vite as the build tool for optimized performance. Implemented task creation, deletion, and marking tasks as complete with a simple and intuitive user interface. Tech: React JS, Vite

Cirrhosis Patient Survival Prediction using Deep Learning

Dec 2023 - Apr 2024

The model uses advanced Deep Learning to analyze clinical and demographic data, providing accurate survival predictions for cirrhosis patients. It identifies key factors affecting survival, aiming to improve patient outcomes and optimize resource allocation. Tech: Python, Pandas, NumPy, Machine Learning

Car Rental System

Apr 2023

Incorporating new cars into the rental system with specific details such as brand, model, and rental pricing. Registering new customers and maintaining customer records. Allowing customers to rent available cars for a specified number of days, calculating the total rental price, and confirming the rental transaction. Tech: Java, OOPS

EXTRA CURRICULAR ACTIVITIES

- Contributed to the successful execution of the National Level Symposium In Science And Technology (NLSIST-2023) at Sree Vidyanikethan Engineering College as part of the Organizing Committee, responsible for event management (technical, volunteers, and hospitality).
- As Student Event Coordinator at CETA (Computer Engineers Technical Association) at Sree Vidyanikethan Engineering College, led a cross-functional team in developing interactive online tools that significantly increased user participation and boosted member satisfaction, enhancing the overall educational experience for participants.
- National Service Scheme (NSS) Volunteer.

CERTIFICATIONS

- SAP Certified Development Specialist - ABAP for SAP HANA 2.0
- AWS: Cloud Computing Foundations
- AICTE Certified Salesforce Developer

ACCOMPLISHMENTS

- Published a conference paper at the International Conference on Advanced Technology and Applied Sciences (ICATAS 2024) in May 2024, focusing on improving the accuracy of cirrhosis patient survival prediction using machine learning and boosting algorithms.
- Solved 370+ Problems on Leetcode.