VENGADESH D

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Career Summary

Aspiring Software Engineer and 2026 B.Sc IT graduate with hands-on experience in Java, backend development, and full-stack web technologies. Passionate about solving real-world problems using distributed systems, APIs, machine learning, and scalable application design. Winner of multiple hackathons, recognized for leadership, innovation, and technical communication.

Education

B.Sc - Information Technology , Sri Krishna Arts and Science College- Coimbatore	2023 - 2026

Internship Experience

Java Programming Intern - CodeTech IT solutions (Remote) *Jan 2025 – Feb 2025*

- Developed proficiency in core Java concepts, including object-oriented programming (OOP) principles, data structures, and algorithms.
- Gained practical experience in network programming using Java, including Socket Programming.
- Collaborated with the team to brainstorm and propose solutions for real-time problems, contributing to the real world application.

Full Stack Web Developer Intern - Accent Techno Soft *May 2025 - May 2025*

- Built a full-stack event management system with real-time features.
- Practiced version control, MySQL data integration, and client-server communication.

Projects

Diet Planner Website

- Developed a web application using HTML, CSS, and JavaScript to generate personalized diet plans.
- Integrated the Edamam API to retrieve nutritional information and create customized meal suggestions based on user preferences (vegetarian, non-vegetarian, vegan) and dietary needs.
- Designed a user-friendly interface with input forms and a dynamically updated diet chart display, ensuring a clear and intuitive user experience. Implemented client-side validation using JavaScript to ensure data accuracy and provide immediate feedback to the user

Java Console-Based Bank Management System

- Developed a console-based banking system using Java and OOP principles.
- Integrated account creation, transaction (deposit/withdrawal), and deletion functionalities.
- Applied input validation, exception handling, and modular programming.
- Demonstrated knowledge of data structures and command-line interface design.

Event Management Website

- Built a full-stack web app using HTML, CSS, JavaScript, and Edamam API for real-time dietary recommendations.
- Implemented client-side validation and a dynamic diet plan generator.
- Applied API integration, form handling, and UI/UX best practices.

Skills

Languages	:Java, HTML, CSS, Python (academic)
Frameworks & Tools	:Spring Boot, Git, IntelliJ, Linux, Bootstrap
Database	:SQL
Concepts	:OOP, Data Structures, RESTful APIs,Socket Programming (TCP/IP), Linux Shell
Learning	:Distributed Systems, Google Cloud Platform (GCP), Machine Learning

Positions of Responsibilities

Event Coordinator,Hackers Club - SKASC	Coordinated and managed technical events, coding competitions, and workshops, showcasing leadership and organizational skills.	
Event Organizer, Cyber Hackathon – Cyber Cell, SKASC	Led the planning and execution of a inter college-level hackathon, managing logistics, participant communication, and event flow.	*(Aug. 2023 - Present)*
Team Lead, Solve4Society Hackathon	Led a team of 4 to develop a farmer-consumer connection platform, emerging as winners among 40+ teams for innovation and impact.	*(Jun. 2024 - Present)*

Achievements

Winner, Digital Phoenix Award – Hack24	Recognized for exceptional performance and innovative contributions.
1st Prize, Paper Presentation -	Awarded for presenting research on "Early Detection of Parkinson's Disease Using AI".
Winner, Solve4Society Hackathon (10 Hours)	Led a team to develop a farmer-consumer platform, securing top honors among 40+ teams.
Special Appreciation, Hackers Club – SKASC	Recognized for leadership and event organization

CERTIFICATIONS

Oracle Autonomous Database Cloud 2025 – Certified Professional   - Link