

BAGADI SAI CHARAN

Visakhapatnam, Andhra Pradesh

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LinkedIn GitHub

PROFILE SUMMARY

Computer Science undergraduate and Oracle Certified Professional (Java SE 17) with strong foundations in Data Structures and Algorithms. Experienced in designing and deploying scalable backend systems with REST APIs, authentication, and database integration. Actively preparing for product-focused software engineering roles.

EDUCATION

SRM University, Andhra Pradesh

B.Tech in Computer Science

Aug 2023 – Present

CGPA: 8.05/10

Sri Chaitanya Junior College, Vizag

MPC

Jun 2021 – May 2023

89.1%

CERTIFICATIONS

Oracle Certified Professional (OCP) – Java SE 17 Developer

Oracle University

Feb 2026

PROBLEM SOLVING

- Solved **150+ DSA problems** across arrays, trees, graphs, recursion, and dynamic programming (LeetCode, CodeStudio).
- Implemented **Trie** and backtracking-based solvers.

INTERNSHIP & RESEARCH

AI/ML Intern – APSCHE

May 2025 – Jul 2025

Worked with TensorFlow and generative models; performed structured error analysis.

Web Development Intern – CodeClause

Jul 2025 – Aug 2025

Built Flask applications with authentication and SQL storage; debugged API and deployment failures.

Research Intern – SRM University AP

Jun 2025 – Jul 2025

Worked on AI-based brain tumor classification and documented experimental findings.

PROJECTS

MindArena – Full-Stack Word Gaming Platform

Jan 2026

Flask, SQLAlchemy, JavaScript, SQLite

Built and deployed word game platform with authentication, scoring and leaderboard system.

Implemented **Trie** for efficient word validation (O(L) lookup).

Developed REST APIs and deployed on Render using Gunicorn.

GenTrip – AI Trip Planner

Jan 2025

React, Gemini, Firebase

Developed AI-based itinerary generator with authentication and API integration.

E-Commerce Website

Feb 2024

Flask, SQLite

Built marketplace with user login and product CRUD operations.

TECHNICAL SKILLS

Languages: Java, Python, C++, C, JavaScript

Core Concepts: Data Structures, Algorithms, OOP, Recursion, Time & Space Complexity

Frameworks: Flask, ReactJS

Databases: SQLite, DBMS

Tools: Git, GitHub, Firebase, Render