

ADAPA VENKATA KIRAN

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PROFESSIONAL SUMMARY

Aspiring Software Development Engineer with experience in full-stack development, scalable applications, and high-performance code. Proficient in Java, TypeScript, JavaScript, and SQL, with a strong foundation in Data Structures and Algorithms (DSA) and problem-solving. Passionate about contributing to impactful projects and taking ownership of software development tasks.

EDUCATION

SIR C R REDDY COLLEGE OF ENGINEERING

Bachelor of Technology (B.Tech.) - Computer Science and Engineering (CGPA: 8.53)

Eluru, Andhra Pradesh

2021 – 2025

SRI CHAITANYA JUNIOR COLLEGE

INTERMEDIATE - MPC (Percentage: 93.6)

Eluru, Andhra Pradesh

2019 – 2021

EXPERIENCE

Web Developer Intern

May 2023 – July 2023

INTERNE

- Developed interactive, responsive web applications using HTML, CSS, JavaScript.
- Enhanced user engagement by 40% through UI/UX improvements and optimized frontend performance.

PROJECTS

Task Manager | Node.js, Express, MongoDB, TypeScript, JWT, Webpack, HTML, JavaScript, Bootstrap, CSS [Source Code]

- Built a full-stack task management application with JWT authentication, allowing users to create, organize, and manage tasks.
- Implemented CRUD operations with MongoDB, task categorization, and a responsive UI, ensuring a seamless user experience.

CineView | React, CSS, JavaScript

[Source Code]

- Built a React app that lets users search for movies and view details like posters, release year, and type, all fetched in real-time from the OMDB API.
- Designed a responsive and optimized UI, ensuring efficient API requests and a smooth browsing experience across devices.

BankEase Web Application | HTML, CSS, JavaScript, TypeScript, Webpack

[Source Code]

- Built a TypeScript-powered personal banking app with secure login, money transfers, loan management, and real-time account summaries (balance, income, and expenditure tracking).
- Integrated session timeout for enhanced security and Webpack bundling for optimized performance.

Movies API | Node.js, Express, MongoDB, REST API, Postman

[Source Code]

- Developed a RESTful API for managing movie data, enabling users to create, read, update, and delete records.
- Implemented request validation, error handling, and structured responses for reliability.
- Enhanced query efficiency with indexing and aggregation, improving database performance.

Console-Based Sudoku Game | Java, DSA & Arrays

[Source Code]

- Developed a Java-based Sudoku game with a 9x9 grid, implementing real-time rule validation for row, column, and sub-grid uniqueness.
- Designed multiple predefined boards with dynamic gameplay using Java arrays and logic, demonstrating problem-solving and algorithmic thinking.

TECHNICAL SKILLS

Programming Languages: Java, Python

Web Technologies: HTML, CSS, Bootstrap, JavaScript, TypeScript, Node.js, Express, React*

Databases: MySQL, MongoDB

Software Engineering Concepts: Data Structures & Algorithms, Object-Oriented Programming

Additional Skills: Machine Learning, AWS, C Programming

Developer Tools: IntelliJ IDEA, Visual Studio Code, GitHub, Postman, MongoDB Compass

Soft Skills: Problem-Solving, Collaboration and Teamwork, Communication Skills, Time Management

CERTIFICATIONS

- TCS ION Career Edge - Young Professional by TCS iON.
- AWS Cloud Practitioner Essentials by Amazon Web Services.
- Data Structures and Algorithms Using Java by NPTEL.
- Object-Oriented Programming in Java by UC San Diego.
- Introduction to SQL by Simplilearn.

ACHIEVEMENTS

- Secured a fully funded college seat through a scholarship awarded by the Government of Andhra Pradesh for academic excellence.
- Solved 150+ coding problems on platforms like LeetCode and GeeksforGeeks.