Arya Bodda

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Summary

Motivated Computer Science undergraduate with expertise in full-stack development, backend systems, and blockchain technologies. Proficient in Java, Python, SQL, and JavaScript, with hands-on experience in Spring Boot, Node.js, and Ethereum. Skilled in system design, AI integration, and mobile development. Seeking Software Development Engineer (SDE), Web Developer, and Backend Engineer roles.

Skills

- **Programming Languages:** Java, Python, SQL, C++, JavaScript, HTML/CSS, PHP, C, Shell Script
- **Frameworks & Libraries:** Spring Boot, Node.js, Express.js, Hibernate, Android SDK, Web3.js, Solana Web3.js
- **Blockchain Technologies:** Ethereum, Smart Contracts, Solidity, Bit query API
- **Tools & Platforms:** AWS (Cloud Practitioner), Firebase, Neo4j, Git, Postman, IntelliJ, Android Studio, Linux OS
- **Analytical Skills:** Data Structures & Algorithms, System Design, Financial Analysis, Networking,

Experience

Data Building Intern   May 2024–Jul 2024
Alpha Peb, Visakhapatnam

- Engineered data collection processes, improving lead generation efficiency by 40%.
- Developed data scraping workflows using SQL and web scraping tools, enhancing data acquisition.
- Collaborated with marketing teams to streamline reporting strategies and improve data accuracy.

Projects

Solana Coin Creator   Jan 2025- Feb 2025

- Automated meme coin creation on Solana, enabling token generation, airdrops, and transfers.
- Utilized Node.js and Solana Web3.js for seamless blockchain interaction, ensuring scalability.

AI-based Chess Game   Dec 2023–Jan 2024

- Developed a Java-based chess app with AI-driven gameplay using Llama 3.2 via Ollama.
- Implemented multiple gameplay modes (AI vs. AI, human vs. AI) for enhanced user experience.

Retriever-Augmented Generation (RAG) System   Nov 2023–Dec 2023

- Built an SQL query generation system, reducing query formulation time by 60%.
- Designed a dynamic frontend for automated database query processing and visualization.

Crypto Transaction Tracking System   Oct 2023–Nov 2023

- Secured 2nd prize at university level for an Ethereum-based transaction tracking solution.
- Implemented real-time transaction path visualization using Bitquery API and Cytoscape.js.

Ethereum Wallet Android App   Feb 2023–Mar 2023

- Developed an Android app for Ethereum wallet management, enabling secure transactions and balance checks.
- Integrated Web3j and Firebase Authentication for seamless blockchain interaction and user security.

WebSocket Mobile Link   Oct 2023– Dec 2023

- Developed WebSocket Mobile Link, enabling real-time communication with 99% lower latency compared to traditional HTTP polling.
- Implemented **JavaScript, Node.js, and WebSockets**, handling **100+ concurrent connections** efficiently.

Education

B.Tech in Computer Science & Engineering 2023–Present
Anil Neerukonda Institute of Technology & Sciences   CGPA: 8.4/10.0
Relevant Coursework: Data Structures, Algorithm Design, Cloud Computing, Software Engineering

Diploma in Computer Science & Engineering   2020–2023
Government Polytechnic, Srikakulam   92%

Achievement: Consistently ranked in the top 5% of the class.

Certifications

- AWS Cloud Practitioner Essentials

Leadership

- **ACM Treasurer:** Managed finances for the university ACM chapter, organized coding events, and mentored junior students.