

# Arya Bodda

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## Summary

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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

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

## Experience

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**Data Building Intern** May 2024–Jul 2024  
*Tech Company Name, 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

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**Solana Coin Creator** Jan 2024

- 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.

## Education

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**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

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- AWS Cloud Practitioner Essentials

- Ongoing learning in Ethereum blockchain technologies and advanced software development.

## Leadership

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- **ACM Treasurer:** Managed finances for the university ACM chapter, organized coding events, and mentored junior students.
- **Open Source Contributions:** Active contributor to blockchain projects and volunteer in local NGO initiatives.