

Sanjay Kumar Tirumala

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SUMMARY

Innovative Java Full Stack Developer with experience in developing and deploying full-stack web applications. Successfully collaborated on projects in an Agile environment, leveraging Java, Spring Boot, and React.js to build responsive and secure applications. Seeking a Java Software Engineer position to enhance software solutions and drive efficient development through robust API integration and cloud deployment.

EXPERIENCE

Java Full stack Intern

Datavalley.Ai

January 2024 - April 2024, Hyderabad

- Designed and implemented modular backend features using Java and Spring Boot, enabling seamless client-server communication through RESTful APIs.
- Integrated React.js components to enhance frontend interactivity and ensure efficient data flow across the full-stack architecture.
- Incorporated third-party analytics tools to automate data collection and support data-driven decision-making across project teams.
- Developed reusable React component libraries and custom hooks to standardize UI elements and accelerate development cycles.
- Collaborated with cross-functional teams to implement secure authentication mechanisms using Spring Security and JWT, strengthening application security and compliance.

PROJECT

SECURE SEARCH CLOUD

github.com/Sanjaykumartirumala/secure-search-cloud • January 2024 - April 2024

- - Built a secure search system simulating research on encrypted cloud data.
- - Developed REST APIs for upload, search, and verification with integrity checks.
- - Deployed on MongoDB Atlas + Render, applying CI/CD fundamentals.
- - Delivered a scalable solution using Agile/Scrum practices and Java backend optimization.
- - Engineered a robust search platform enabling encrypted data retrieval on the cloud, leveraging advanced cryptographic methods to ensure privacy and integrity throughout all transactional interactions.

EDUCATION

Bachelors in Computer Science and Engineering

Swarnandhra Institute of Engineering and Technology • Narsapur, India • 2024 • 7.63

12th

Sasi Junior college • Nallajerla • 2020 • 9.75

CERTIFICATIONS

Java Full Stack

Datavalley.Ai • 2024

- It validates my practical knowledge of both frontend and backend technologies essential for Java full-stack Java development.

Core Java

Udemy • 2023

- Certified from a recognized Edtech Company UDEMY ,learnt principles in core java

Responsive Web Designer

freecodecamp.org • 2022

- certified for building user-friendly frontends complementing backend skills for full-stack development.

SKILLS

Java, Core Java, Spring Boot, RESTful API Development & Integration, Git & Version Control, Agile Methodology, SQL, MongoDB, Object-Oriented Programming (OOP), Unit Testing, Test Automation Basics, Continuous Integration/Deployment (CI/CD), Secure Coding (Encryption, Hashing, Verification), HTML5, CSS3, JavaScript, React.js