

Yash Vardhan Sutar Nargula

Backend Developer | Java | Spring Boot | REST APIs

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SUMMARY

2025 Computer Science graduate with hands-on experience building secure, scalable backend systems and responsive frontend interfaces. Skilled in Java, Spring Boot, React, and CI/CD pipelines, with exposure to AWS, Oracle Cloud, and Azure. Demonstrated ability to troubleshoot, automate, and deliver high-quality software in agile environments.

TECHNICAL SKILLS

Programming: Java, Python, JavaScript, SQL

Backend: Spring Boot, REST APIs, Spring Data JPA, Hibernate, Microservices

Frontend: React, HTML5, CSS3, jQuery, Tailwind CSS, Bootstrap

Databases: MySQL, MongoDB

Messaging: Apache Kafka

Security: JWT, OAuth2, RBAC

Testing: JUnit, Mockito, Postman, Swagger

Concepts: Data Structures, Algorithms, Object-Oriented Programming, Design Patterns, System Design, SDLC

Cloud & DevOps: AWS, Azure, Oracle Cloud, Docker, Kubernetes, Terraform, CI/CD, Azure Pipelines, GitLab, Jenkins, Git, GitHub

Soft Skills: Communication, Agile mindset, Problem-solving

PROJECTS

Secure Authentication System | Spring Boot | Jan 2024 - Mar 2024

- Designed and secured RESTful APIs for admin login using Spring Boot.
- Reduced query time by 38% via MySQL optimization, demonstrating proficiency in SQL scripting and Data Modeling.
- Deployed via CI/CD on Azure, cutting manual effort by 80%.
- Implemented RBAC and modular architecture for scalable access control.

Technologies: Java, Spring Boot, Spring Security, JWT, RBAC, MySQL, Maven, Postman

Task Management Dashboard | React | Jul 2024 – Jul 2024

- Developed a responsive single-page application using React Hooks for task management.
- Achieved 100% mobile responsiveness across 5 device sizes using Tailwind CSS.
- Reduced DOM re-renders by 30% through optimized hook usage and component memoization.

Technologies: React, JavaScript, Tailwind CSS, HTML, React Hooks, VS Code

Serverless Event Processing System | AWS Lambda | May 2025 – Jun 2025

- Created event-driven workflows using AWS Lambda and DynamoDB, processing 10,000+ records/day with 99.9% uptime.
- Deployed containerized services with Docker, reducing deployment time by 40%.
- Integrated monitoring with New Relic, improving error detection speed by 35% and reducing mean time to resolution (MTTR) by 25%.

Technologies: AWS Lambda, DynamoDB, Docker, Python, Terraform, New Relic, Git

Automated Resume Screening Workflow | n8n | Aug 2024 – Aug 2024

- Designed an n8n workflow to automate resume screening by integrating Google Drive, Hugging Face NLP, and Slack notifications.
- Extracted candidate skills and keywords using Hugging Face Transformers, achieving 87% accuracy in keyword detection.
- Reduced manual review time by 60% by auto-notifying recruiters when resumes matched predefined skill sets.

Technologies: n8n, Google Drive, Gmail, Slack, Hugging Face Transformers, Python API, Google Sheets

INTERNSHIP

Java Full Stack Developer Trainee

Medha Edutech | June 2025 - Present

- Integrated Spring Boot REST APIs with React.js, improving data rendering speeds by 20%.
- Conducted code reviews and debugging with JUnit and GitLab, reducing production bugs by 15%.
- Ensured SONAR compliance and participated in the full SDLC (Software Development Life Cycle) using Agile.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Malla Reddy Institute of Technology, Hyderabad | 2021-2025 | CGPA: 6.7 (First Class)

CERTIFICATIONS

- Agile Methodology Program – Cognizant (Forage), 2023

ACHIEVEMENTS

- Hackathon Finalist – Built a Hospital Management System prototype using PHP/MySQL in 24 hours.
- Paper Presentation Winner – Presented backend optimization techniques in Java microservices at an inter-college symposium.