HARSHAVARDHAN CHITTALURU, *SOFTWARE DEVELOPER*

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PROFESSIONAL SUMMARY

Full-stack developer with around **5 years** of experience architecting scalable enterprise applications using **Java, Spring Boot, React, and AWS cloud services**. Proficient in improving system performance by 60%+, reducing operational costs, and providing critical solutions with strong experience in migrating applications and solving problems.

TECHNICAL SKILLS

Programming	Java, Python, C, Data Structures, JavaScript, HTML, CSS, Typescript, Bootstrap
Frameworks	Spring Boot, React, Angular, RESTful, SOAP, GraphQL, Microservices, Spring Security
Databases & Cloud	AWS(EC2, S3, Lambda, RDS, Redshift, API Gateway), SQL Server, Oracle, PL/SQL, Postgres
Concepts	System Design, Design Patterns, Design Principles, SDLC, Agile, JDBC, MVC, Hibernate, GIT
Tools	Apache Kafka, Terraform, Docker, Kubernetes, Eclipse, IntelliJ, OpenShift, VS Code
Other Skills	Redis Caching, Unit Testing, JUnit, TDD, BDD, Jenkins, Maven, Selenium, CI/CD

WORK EXPERIENCE

Software Developer, *New York State Senate - Albany, NY*   Jan 2025 - Present

- Architected travel statistics web application using Spring Boot and React supporting 3-level approval workflows, processing 500+ monthly travel requests with 98% accuracy.
- Implemented 15+ data leak prevention mechanisms using **GraphQL** schema validation and **rate limitation**, reducing unauthorized access attempts by 90% in 8 government systems.
- Migrated 85% of legacy REST and SOAP APIs (120+ endpoints) to **GraphQL** architecture, reducing network overhead by 40%, improving query performance by 55%, and enhancing developer productivity across 15+ teams.
- Developed 6 encryption and decryption modules using **Spring Security** that protect sensitive information, including SSNs and passwords, ensuring 100% compliance with state security standards in 25+ data fields.

Software Developer Intern, *New York State Offices - Albany, NY*   Jan 2024 - Dec 2024

- Migrated code from **Angular** to **React** for ESS Portal, improving personnel info management by 60%.
- Engineered 4 custom Redmine plugins with synchronization capabilities enabling automated issue management, reducing manual ticket processing by 85% across 15+ project teams.
- Designed secure web interface following **SOLID** principles for payroll database managing 8,500+ employee records, implementing end-to-end encryption using Spring Boot, PDFBox and JSP with 100% data integrity.

Software Engineer, *Axtria - Hyderabad, India*   Mar 2022 - Dec 2022

- Spearheaded the transition of the careers platform from **JAX-RS to Spring Boot**, resulting in a 40% reduction in runtime and enabling enhanced code quality monitoring, and deployed using Docker and Kubernetes for **CI/CD**.
- Led maintenance and optimization of HR job platform using Spring **MVC** with **JPA/Hibernate** ORM for data persistence, improving application statistics analysis and consistently reducing system bugs by 80%+ per release cycle.
- Architected secure applicant data pipeline using **S3** encrypted storage and **Redshift** warehouse, reducing data retrieval time by 65% and storage costs by 40%, with AWS Lambda-powered historical data access achieving 99.5% success rate.

Java Full Stack Developer, *Infosys - Hyderabad, India*   Oct 2019 - Mar 2022

- Led a 6-member team to develop and deploy 6 critical Spring Boot microservices on **AWS Lambda**, conducting regular code reviews to ensure high quality coding standards, resulting in 90% system uptime and 30% faster feature delivery.
- Managed **agile** development in 15+ sprints with daily stand-up calls using **Jira**, consistently achieving 90% feature delivery rate while maintaining **code quality** through systematic Git workflows and peer reviews.
- Designed 2 customer-facing microservices for real-time push notifications and seamless user registration, integrating with **Twilio** and MS User API to enhance customer experience and reduce onboarding time by 40%.
- Engineered 20+ **RESTful** APIs for **e-commerce** payment and shipping rate services, processing $2M+ in monthly transactions while maintaining 99.9% availability.
- Developed automation test scripts and **Junit** tests, increasing the efficiency of testing by 35% through targeted trainings.

EDUCATION

Master of Science, Data Science	University at Albany, SUNY	CGPA: 3.79/4	Dec 2024
Bachelor of Technology, Computer Science	JNTU, Anantapur	CGPA: 8/10	Apr 2020