

Phani Ch

Software Engineer

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OBJECTIVE

- 4+ Years of software engineering expertise solving complex problems with **Java**, **React**, and **AWS**. Proven track record in **delivering high-quality software solutions** that meet business objectives. Utilized **ReactJS** and **NodeJS** to build innovative solutions.
- **Full Stack Development:** Proficient in **Java**, building and maintaining **Spring Boot microservices** for scalable, enterprise-level applications
- Extensive experience deploying applications to **AWS**, utilizing its various services for scalable cloud architecture.
- Successfully delivered high-quality applications, improved user experience, and streamlined development processes.
- **Frontend Development:** Skilled in building responsive and dynamic web applications with **Angular**.
- Skilled in **JUnit** testing framework to identify and fix bugs early in the development cycle, improving overall software quality.
- Expert in **MySQL** and **PostgreSQL** database design, optimization, and administration, qualified in writing complex SQL queries, creating efficient database schemas, and implementing performance-tuning techniques.
- Leveraged **Git** and **GitHub** to manage projects with multiple developers, improving code quality and reducing merge conflicts.

EDUCATION

Wilmington University

Master of Science – Information Systems and Technology

New Castle, Delaware

August 2022 - December 2023

JNTUK

Bachelor of Technology – Computer science and engineering

Machilipatnam, India

June 2016 - October 2020

SKILLS

- **Methodologies:** SDLC, Agile/Scrum
- **Languages:** C, C++, Java, Python, JavaScript, SQL, NoSQL
- **Frameworks/Libraries:** React.js, Node.js, GraphQL, RxJava
- **Spring Frameworks:** Spring Boot, Spring MVC, Spring Cloud, Spring Data JPA, Spring REST, Spring Security
- **Web Technologies:** HTML5, CSS3, Bootstrap5, jQuery, Ajax, JSON, XML, Angular
- **Cloud:** AWS (EC2, SQS, SNS, Elastic Beanstalk, Lambda, Code Deploy, and CloudWatch)
- **Testing:** JUnit, Postman, Jira, Mockito, NUnit
- **Database:** MySQL, PostgreSQL, MongoDB, Oracle
- **CI/CD and DevOps Tools:** Git, GitHub, Gradle, Maven, Jenkins, Docker, Kubernetes, SOAP UI, Kafka, RabbitMQ

EXPERIENCE

DoorDash

Jan 2024 -

Present

Software Engineer

- Leveraged React's **caching mechanisms** to optimize data fetching for frequently accessed data from **Java APIs**, resulting in a **25% decrease in average page load time**.
- Improved software quality by developing and executing comprehensive test suites for **Spring Boot** applications, achieving 95% test coverage.
- Improved software quality by developing and executing comprehensive unit tests for modules using JUnit and **Mockito**, achieving 85% test coverage.

- Strengthened application deployment by 50% through the implementation of robust **CI/CD pipelines** leveraging **Kubernetes** and industry-leading tools like Jenkins and GitLab CI.
- Focused on responsive web design and implemented best practices for **UI/UX** in **Angular** to ensure compatibility across devices and browsers.
- Accelerated software delivery by implementing CI/CD pipelines using AWS Code Pipeline, Code Build, and Code Deploy, resulting in a **20% increase in deployment frequency**.
- Utilized **Postman**'s monitoring and alerting system to proactively identify and address API performance bottlenecks, resulting in a 40% reduction in downtime.
- Boosted application response time by leveraging **Amazon Dynamo DB** for high-performance NoSQL data access, reducing latency for critical operations.

Hexaware Technologies

August 2019 - June 2022

Full Stack Developer

- Utilized automation tools to automate testing and deployment tasks within an **Agile framework**, significantly improving efficiency and reducing the testing phase deployment time by 50%.
- Improved developer productivity by employing **React hooks** to construct efficient, maintainable components, leading to a 20% increase in development velocity.
- Developed dynamic, user-friendly web interfaces using **Angular**, integrating with backend services via **RESTful APIs** to provide a seamless user experience.
- Migrated legacy database to a modern solution and successfully migrated a large-scale application to a new database using **Spring Data JPA**, reducing query execution time by 30%.
- Upgraded data communication between microservices and the front end by building **RESTful APIs** using Spring MVC and Spring WebFlux, resulting in a **30% increase in API request throughput**.
- Designed and developed APIs leveraging **microservice architecture**, utilizing Spring Boot for efficient development and JMS for asynchronous communication with Kafka as the message broker.
- Enhanced and managed the CI/CD pipeline using **Jenkins** and **Docker**, implementing automated testing and deployment within an agile development framework for seamless backend changes integration and delivery.

CERTIFICATIONS

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- [AWS Associate Developer](#)
 - Full Stack Java Developer