

# HARSHITHA SRINIVAS

930-333-4695 | [harshitha.srini29@gmail.com](mailto:harshitha.srini29@gmail.com) | [LinkedIn](#) | [Github](#) | [Portfolio](#)

## EDUCATION

### Indiana University

*Master of Science in Computer Science*

Bloomington, IN

*August 2023 - May 2025*

Coursework: Applied Algorithms, Software Engineering, Advanced Database Concepts, Engineering Cloud Computing, Computer Networks, Database Design.

### Visveswaraya Technological University

*Bachelor of Engineering in Computer Science and Engineering*

India

*August 2017 - July 2021*

Coursework: Data Structure and Applications, Object-Oriented Programming, Operating Systems, Advanced JAVA.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS

**Frameworks and Libraries:** React, Node.js, SpringBoot, Hibernate, Express.js

**Databases:** MySQL, PostgreSQL, MongoDB

**Cloud Technologies:** AWS (S3, EC2, IAM, Lambda, Amplify, AppSync, Cognito, DynamoDB)

**APIs:** RESTful APIs, GraphQL

**Tools & Development Environments:** Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

## EXPERIENCE

### Junior Software Engineer

*Cognizant Technology Solutions*

September 2021 - July 2023

*Bengaluru, India*

- Led full-stack development efforts across diverse projects, applying advanced proficiency in Java, Spring Boot, Hibernate, React, and AWS to deliver scalable and maintainable solutions.
- Architected and optimized high-performance RESTful APIs, reducing response times by 30% and increasing system throughput by 20%, significantly enhancing overall application performance.
- Designed and implemented responsive, user-friendly interfaces using React, leading to a 40% improvement in user experience metrics and a 25% boost in user engagement.
- Performed rigorous code reviews, offering detailed feedback and guidance, leading to a 20% improvement in code quality and a 30% reduction in post-release defects.
- Integrated AWS services for enhanced scalability, resulting in a 15% cost reduction in cloud infrastructure and improved application performance during peak traffic.
- Spearheaded the migration of legacy systems to modern Java Spring Boot microservices architecture, reducing technical debt by 35% and improving maintainability.
- Automated build and deployment pipelines using Jenkins and Docker, improving development efficiency and reducing deployment time by 40%.

## PROJECTS

### Hoosier Car Rentals and Services | *MongoDB, Express.js, React.js, Node.js*

- Led the development of Hoosier Car Rentals and Services using Agile principles, resulting in a 40% growth in website traffic and improved project turnaround time.
- Engineered MongoDB to streamline data handling, cutting retrieval time by 50% and enhancing overall system performance.
- Developed RESTful APIs for seamless communication between front-end and back-end systems, enhancing user experience and system reliability.

### JustBooks - An Online Book Store | *AWS, HTML, CSS, React.js*

- Developed a modern e-commerce platform for book enthusiasts using AWS cloud services, elevating user satisfaction by 40% and improving system scalability by 30%.
- Implemented React frontend on AWS S3, reducing page load times by 25% and optimizing performance.
- Managed authentication using Amazon Cognito, increasing security and user data protection, leading to a 20% reduction in unauthorized access incidents.
- Leveraged AWS AppSync with a GraphQL API and Amazon DynamoDB to optimize data processes, improving query response times by 35%.