SREE HARSHINI NAIDU KOTLA

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OBJECTIVE

Dynamic and results-oriented Software Development Engineer with a proven track record of delivering high-quality solutions. Leveraging 3+ years of professional experience in Java, Spring Boot, JavaScript, Agile, Angular React, coupled with a Master's degree in Computer Science. Actively seeking full-time Software Development Engineer role, to contribute technical expertise and problem-solving skills.

EDUCATION

Master of Computer Science, Texas A&M University- Kingsville; GPA: 4.00.   Jan 2023 - May 2024
Relevant Coursework: Analysis of Algorithms, Database Management, Advanced Computer Architecture.

TECHNICAL SKILLS

Programming Languages	Java, JavaScript, Python, C#, C++, C, TypeScript
Web Development	HTML, CSS, React JS, Angular, Node.js, ExpressJS, Bootstrap, .NET Core
Database Management	Oracle, SQL, MongoDB, AWS RDS MySQL, SQLite3, MongoDB, PostgreSQL
Frameworks & Tools & Environment	Spring Boot, .NET Framework, REST/SOAP, AWS (EC2, S3), Git, Agile, CI/CD
Core Concepts	Data Structures, Algorithms, Software Design, Agile Methodologies

EXPERIENCE

Career Engagement Internship   Jun 2023 - Feb 2024
Texas A&M University- Kingsville   *Kingsville, TX*

- Spearheaded the development and deployment of web-based applications using Java and Spring Boot, optimizing course schedule tracking for over 200 professors, resulting in a 20% increase in efficiency.
- Championed a collaborative approach in Agile methodologies, ensuring seamless project management and timely delivery within budget constraints.
- Enhanced expertise in data structures and algorithms, devising optimized solutions to complex problems and improving overall system performance

Teaching Assistant   Jun 2023 - Aug 2023
Texas A&M University- Kingsville   *Kingsville, TX*

- Delivered engaging instruction in 'Analysis of Algorithms' and 'Machine Learning' & 'Artificial Intelligence' courses, driving a 10% improvement in average student grades.

Software Engineer   May 2020 - Aug 2022
Cognizant   *Hyderabad, IN*

- Led the development of a client-facing web application using Angular framework, integrating front-end and back-end components seamlessly.
- Applied advanced debugging techniques and performance analysis tools to optimize system health, resulting in a 15% improvement in application performance.
- Demonstrated strong problem-solving skills and adherence to Agile methodologies, contributing to the design and implementation of RESTful APIs.

PROJECTS

Exam Study Tool Engineered a multilingual platform for effective learning, leveraging ExpressJS for back-end and AWS EC2 for hosting. Implemented robust security measures with Google OAuth and managed data efficiently using AWS RDS MySQL.

Emergency Alert Web App for Women's Safety. Architected and developed a Web App to enhance women's safety, utilizing Django for back-end and integrating Geo-Django Google Maps API for location-based alerts. Ensured data integrity with SQLite3 database management.

CERTIFICATIONS

- Amazon AWS Cloud Practitioner Essentials Certification ▽
- AWS Technical Essentials ▽
- Learn SQL using MySQL and Data Base Design ▽
- Relational Database Design ▽