

Sreeram K

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SKILLS

Programming languages: Java, C, Python, JavaScript.
Cloud Platforms: AWS, Firebase
Frameworks: SPRING BOOT, Django, J2EE, JDK, Spring
Certifications: AWS CSA – Associate, Pega CSA

Web Technologies: React, HTML, CSS3
Database management: MongoDB, MySQL
Tools: Git, Maven, Kubernetes

EXPERIENCE

Software Engineer LTI, Navi Mumbai, India

August 2020 – July 2021

- Extensive hands-on experience with Java Spring and Spring Boot for building robust RESTful APIs, designed to handle large-scale data processing and analytics effectively.
- Spearheaded the development of a Java Spring application, ensuring efficient data processing, emphasizing swift and precise data handling.
- Led the creation of a REST API application for seamless client onboarding, utilizing Java Spring's capabilities to ensure secure and scalable product communication.
- Designed and implemented authentication and authorization mechanisms for enhanced API security and user access control.

Software Developer Intern ADRIN, Hyderabad, India

January 2020 – May 2020

- Developed an Internet of Things (IoT) device to ensure NPNT (No Permission, No Takeoff) compliance for drone operations during internship.
- Created a Map Control with Python and Java for the graphical user interface (GUI) to monitor drones in flight, providing a visual representation on a map backdrop.
- Utilized the Google Cloud Firebase platform to store telemetry data for all flying drones, enabling real-time tracking and location display on the Map Control.

EDUCATION

Masters in Computer Science

University of North Carolina, Charlotte • Charlotte, NC • 2022 • 4.0

Bachelors in Information Technology

Vasavi College of Engineering • Hyderabad, India • 2020 • 3.3

PROJECTS

MovieHub Web App

- Developed a user-friendly movie review web app using React (Frontend) and Spring Boot (Java) (Backend).
- Designed an efficient MongoDB Atlas database schema.
- Managed backend operations, including CRUD functions and API endpoints with Spring Boot.
- Created a responsive React frontend for an optimal user experience.
- Delivered a feature-rich movie review platform for users.

Online Bookstore Development

- Developed a user-friendly online bookstore using Java, JDBC, and Servlets, showcasing strong Java programming proficiency.
- Implemented robust features and object-oriented principles for functionalities including user registration, login authentication, book management, and transactions.
- Leveraged Java's versatility to create modular and scalable code, ensuring efficient user interactions and data manipulation.
- Utilized JDBC to connect with MySQL database, enabling seamless data retrieval and storage for a high-quality, reliable, and extensible web application.

Python Flask REST API Wrapper

- Implemented four crucial endpoints: Place Order, Preview Order, Product Search, and Get Inventory, enriching the application's functionality.
- Utilized the xmldict library for efficient XML-to-dictionary conversion and vice versa, streamlining data transformation processes.
- Ensured strict adherence to WSDL specifications, translating XML requests to JSON and JSON responses back to XML.
- Integrated user-defined functions to preprocess data before interacting with the JSON endpoint, enhancing communication quality and accuracy.