VENKATA PHANINDRA REDDY KORAPROLU

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EDUCATION

Master of Science in Computer Science   Aug 2022 - May 2024
Missouri University of Science and Technology, Rolla, MO   GPA: 3.6/4.0

B. Tech in Computer Science and Engineering   July 2018 - April 2022
Amrita University, Coimbatore

SKILLS

Programming:	Java/J2EE, Python, C#, HTML, CSS, JavaScript
Frameworks:	Spring Boot, Spring MVC, React.js, Bootstrap, JPA, Hibernate, .NET, Android SDK
Data Base:	MySQL, SQLite, MongoDB, AWS (EC2, Lambda, S3, RDS, VPC, IAM)
Tools:	IntelliJ, Eclipse, Visual Studio, Visual Studio Code, Git/GitHub

WORK EXPERIENCE

Millennium Software Technologies Pvt Ltd   July 2021 - June 2022
Java Full Stack Developer Intern

- Developed high-performance RESTful APIs using Spring Boot, integrating ReactJS front-end components for real-time, seamless data synchronization between client and server.
- Engineered efficient CRUD operations with JPA and Hibernate, optimizing data access layers and reducing query latency in MySQL through advanced query optimization techniques.
- Designed and implemented responsive, cross-platform UIs with HTML, CSS, and JavaScript, leveraging Razor Views for dynamic content rendering, and improving overall user experience.
- Built and fine-tuned complex database structures, including stored procedures, views, and indexes, significantly enhancing query speed, and enabling efficient report generation.
- Conducted rigorous unit testing with JUnit, ensuring high test coverage and reliability, while collaborating in Agile sprints to consistently deliver fully functional, high-quality code.

Missouri University of Science and Technology   Aug 2023 - May 2024
International Student Assistant

- Optimized international enrollment by automating data management in Slate and Terminal4, reducing processing time by 50%. Provided technical support for the ISSS Gateway Portal, resolving 100+ student queries weekly and achieving a 97% satisfaction rate, while collaborating with DSOs to enhance operational efficiency.

PROJECT EXPERIENCE

UHealth – Android Healthcare Application (Role: Android Developer)   July 2024

- Developed an Android app with secure login, encrypted user data, and card-based UI for booking doctor appointments, medication cart, and online order summaries.
- Integrated Google Maps API and RESTful APIs for real-time hospital search, chat functionality, and appointment scheduling.

Qizzy – Full-stack Quiz Application (Role: Front-End Developer)   Aug 2023 - Nov 2023

- Designed and implemented full-stack quiz app using ReactJS and React Native, improving UX with animations and responsive design.
- Developed robust back-end with Spring Boot, optimizing CRUD operations and scaling database interactions by 40%.

CERTIFICATIONS & EXTRACURRICULAR ACTIVITIES

- Certified with Master in Spring and Spring Boot from Udemy.
- Certified with Python Data Analysis &Visualization Bootcamp from Udemy.
- Certified with Amazon Web Services from Amazon Skill Builder.
- Professional Dancer and Choreographer at Missouri S&T and Amrita Universities.
- Team Head for Team E360, an innovative club at Amrita University.
- Coordinated a team of 16 members for the National Level Techno-Cultural Fest "Anokha" by Amrita University.