Veera Palla

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EXPERIENCE

Software Developer (Apprenticeship**)**   Jan 2024 – May 2024
Luminari CRO   Remote, USA
- Fine-tuned the LLama2 model using transformers and LangChain, enhancing its performance and accuracy with specific datasets.
- Developed a responsive website with Python, Django and React, integrating the LLama2 model to provide dynamic functionality.
- Utilized AWS SageMaker for efficient model training and deployment, ensuring scalable and reliable performance.
- Managed datasets using AWS S3, ensuring secure and organized storage for seamless data access and management.

Graduate Student Aide (Software Developer)   Jan 2023 – Jun 2023
Discovery Partner's Institute, UIC   Chicago, USA
- Designed & developed Learning Management System (LMS) website for students, ensuring usability and inclusivity.
- Implemented front-end using React to create an intuitive and responsive user interface, providing a seamless user experience.
- Engineered back-end with Java and Spring to manage data efficiently and ensure robust performance and scalability.
- Collaborated with diverse team to integrate accessibility features, enhancing the educational experience for all users.

Software Engineer   Aug 2021 – Jul 2022
Sedin Technologies   Chennai, India
- Developed and tested applications using Core Java, Maven, Spring MVC, JUnit, and Swagger, resolving over 100 bugs.
- Enhanced application security with Spring Security & JWT and improved deployment efficiency using AWS EC2, S3, API Gateway.
- Implemented database mapping with Ibatis and Hibernate, streamlining CI/CD processes with Git for faster feature releases.

EDUCATION

Master of Science in Management Information Sciences   Aug 2022 - May 2024
University of Illinois at Chicago   Chicago, IL
- Related Courses: Enterprise Application Development, Advance Database Management Systems, Business System Analysis and Design, Project Management - Agile & Scrum methodologies, Data Mining, Big Data

Bachelor's in Computer Science and Engineering (*B.Tech*)   *Aug 2018* - Apr 2022
Lovely Professional University   Punjab, India

SKILLS

- ***Programming Languages***: Java, Python, R, C++, SQL, JavaScript
- ***Frameworks/Libraries***: Django, Spring, React, Redux, Node
- ***Application Server***: AWS (S3, EC2, Elastic Beanstalk, API Gateway), Apache Tomcat, Netlify, Vercel
- ***Databases/Data Warehouses***: Oracle, PostgreSQL, My SQL, MongoDB, Amazon RDS
- ***Web Technologies***: HTML5, CSS, Bootstrap, jQuery, Ajax, JSON, XML, Webpack, Babel
- ***Build/Other Tools***: Linux, JUnit, Jira, Maven, Gradle, Git, GitHub, Postman, Swagger, REST API

PROJECTS

E-commerce Website (Java, Spring Boot, Bootstrap, MySQL, JavaScript, Maven, AWS) | **GitHub**
- Engineered and implemented secure and efficient e-commerce web application using Java, Spring Boot, Bootstrap, JavaScript, and Maven, featuring robust inventory management and role-based access control with Spring Security.

Spotify Music Controller (Python, Django, React, Redux, Webpack, Babel, Material UI, AWS) | **GitHub**
- Built concurrent Music Controller System with Django and React, integrating Spotify API, implemented session management, cross-browser compatibility and improving client-side performance by 20% through optimization with Webpack & Babel.

Hospital Management System (Java, SpringBoot, Spring Security, JavaScript, PostgreSQL, Maven, AWS) | **GitHub**
- Developed Hospital Management System with Java, Spring, JavaScript and AWS, featuring professional web pages, advanced Spring Boot features, and efficient ORM techniques with Hibernate for managing 100K+ records.

CERTIFICATIONS AND ACHIEVEMENTS

- *SQL and Relational Database* certification from *Big Data University*.
- *Data Science orientation* badge and certification from *IBM*.
- *AWS Academy Graduate* – AWS cloud security foundations certificate.
- Published a *Research* Paper on *Robot Path Optimization* with Genetic Algorithm in *IRJET journal*.