

VEERA PALLA

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EDUCATION

Master of Science in Management Information Systems | University of Illinois - Chicago May 2024 (CGPA 3.78)
Relevant skill-sets: Enterprise Application Development, Advanced Data Base Management, Project Management with Agile
Bachelor of Technology in Computer Science & Engineering | LPU, India May 2021 (GGPA 3.70)

EXPERIENCE

- Full Stack Developer**, Luminari CRO, Chicago, IL Jan 2024 – May 2024
- Developed a high-performance React, Redux, and TypeScript website, enhancing client-side speed by 25%.
 - Built custom React Hooks for reusability, reducing code redundancy by 25% and improving scalability.
 - Managed AWS S3 datasets, ensuring 99.9% uptime, and used SageMaker for scalable model training.
 - Achieved 85% test coverage using Jest and React Testing Library, ensuring high software reliability.
 - Fine-tuned LLama2 with LangChain, optimizing input tokens and enhancing the overall model accuracy.
 - Followed Agile/Scrum methodologies, ensuring on-time delivery through stand-ups, sprints, and retrospectives.
- Software Developer**, Discovery Partner's Institute, Chicago, IL Jan 2023 – Jul 2023
- Designed and developed an LMS with the MERN stack and TypeScript, ensuring type safety and scalability.
 - Built Node.js/Express APIs, integrating MongoDB to manage large datasets for efficient course handling.
 - Enhanced ADA accessibility, reducing bounce rates by 10% through UI/UX improvements and refinements.
 - Optimized performance with lazy loading, code splitting, and Axios, cutting page load times by 25%.
 - Implemented JWT authentication, refactored React with hooks, and improved security and maintainability.
- Software Developer**, Digilance, Maharashtra, India Aug 2020 – Jul 2022
- Developed scalable React.js/Redux UIs, reducing mobile bounce rates by 10% with mobile-first designs.
 - Designed and integrated RESTful APIs, ensuring smooth, secure, and reliable backend communication.
 - Built RESTful APIs using Java, Spring MVC, and Hibernate for robust data management and processing.
 - Achieved 95% test coverage using Jest, JUnit, and React Testing Library for robust code validation.
 - Maintained Git for version control, collaborated on code reviews, and streamlined project management.
 - Ensured timely feature delivery using Agile/Scrum, participating in stand-ups and sprint retrospectives.
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PROJECTS

- Project Management Tool** (MongoDB, Express, React, Redux, Node, Render) | [GitHub](#)
- Created a project management tool, featuring robust task management and role-based access control with JWT.
- Hospital Management System** (Java, Spring Boot, JavaScript, PostgreSQL, Maven, AWS) | [GitHub](#)
- Developed Hospital Management System with Java, Spring Boot and AWS, featuring professional web pages, advanced Spring Boot features, and efficient ORM techniques with Hibernate for managing 100K+ records.
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SKILLS AND CERTIFICATIONS

- Programming Languages** : Python, Java, Java Script (ES6+), R
- Front-End Development**: React, Redux, TypeScript, HTML5, CSS3, Bootstrap, Material UI, Webpack, Babel
- Back-End Development**: Node.js, Express, Spring Boot, J2EE, Django, Maven, Gradle
- State Management**: Redux Toolkit, Redux-Thunk, Zustand
- Cloud Technologies**: AWS (S3, EC2, Lambda, API Gateway, Sage Maker)
- Databases**: MySQL, PostgreSQL, MongoDB, Amazon RDS
- Version Control & CI/CD**: Git, GitHub, Jenkins
- Testing & TDD**: Jest, React Testing Library, Junit, Mocha, Enzyme, Pytest
- API's & Web Services**: RESTful APIs, GraphQL, JSON, XML, Axios
- Other Tools**: Postman, Swagger, Jira, Docker, Kubernetes
- Certifications**: AWS certified: Developers Associate, Cloud Security Foundations, Oracle Certified: Enterprise Java Developer, LinkedIn certified: ECMAScript 6+, User Experience for Web Design (UI/UX).