KALYANKUMAR KONDURU

(260) 221-7146 | konduru.kalyan555@gmail.com | LinkedIn | GitHub | Fort Wayne, Indiana

EDUCATION

Purdue University Fort Wayne   January 2024 - December 2025
Master's, Computer Science
Anna University - Chennai   August 2015 - April 2019
Bachelor's, Computer Science

SKILLS

- **Programming & Web Development:** C/C++, Java, JavaScript, TypeScript, Python | HTML/CSS, Angular, React.js, Node.js
- **Databases & Tools:** MySQL, PostgreSQL, MongoDB, NoSQL | Git, JIRA, Confluence, Windchill, Excel, Outlook
- **Frameworks, Cloud & Methodologies:** Spring Boot, Apache Maven | AWS, Azure | Agile, Test-Driven Development (TDD), CI/CD

PROFESSIONAL   EXPERIENCE

Accenture
Software Engineer   September 2021 - December 2023
- Developed Java backend features from Jira requirements, achieving 100% on-time delivery.
- Managed user permissions with Windchill and Polarion, maintaining 100% accuracy and updating Confluence documentation.
- Conducted production server tests on AWS and monitored AWS Lambda functions to support a scalable cloud infrastructure.
- Increased testing efficiency by 40% and reduced deployment delays by 20% through automated testing frameworks.
- Collaborated with Business Intelligence and Data Science teams to analyze performance metrics and improve system functionality.

Associate Software Engineer   February 2021 - August 2021
- Designed and executed SaaS applications using AngularJS, Node.js, MongoDB, and RESTful APIs, boosting delivery efficiency by 20%.
- Adopted Agile methodologies and refined design patterns, resulting in a 10% increase in software performance.
- Applied test-driven development to enhance backend stability and reliability.
- Streamlined APIs and restructured database models to elevate customer engagement and satisfaction.
- Worked with DevOps teams to establish CI/CD pipelines, cutting pre-deployment issues by 20%.

PROJECTS

GAN-based Image Synthesis for Apparel Visualization
- Built a GAN-based system using deep learning to improve apparel visualization.
- Utilized data science techniques and statistical models to generate high-resolution apparel images.
- Created mathematical models to enhance visual representation and user engagement.

Survey Metrics
- Collaborated with a team to develop a survey-based web application using Python, NoSQL, and React.js, connecting users with domain experts.
- Crafted user interfaces that amplified engagement and improved data accuracy.
- Implemented testing protocols and documented test cases in Jira to accelerate issue resolution.

Event Vault
- Designed and deployed a scalable event planning and booking web application using Java Spring Boot, PostgreSQL, and React.js to streamline event management.
- Established secure user authentication and role-based access control to strengthen application security.
- Coordinated with design and mobile teams to deliver responsive, cross-platform solutions that enhanced user experience.

Portfolio
- Designed and deployed a responsive personal portfolio website using React, Next.js, Material-UI, and Font Awesome to showcase projects and skills.
- Leveraged Next.js for server-side rendering to enhance performance and SEO, ensuring fast load times and better search engine visibility.
- Integrated Material-UI components to create a modern, intuitive interface that adapts seamlessly across devices, improving user engagement.