




# Kalyankumar Konduru

Fort Wayne, Indiana

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 <https://kalyankumarkonduru.vercel.app/>

## EDUCATION

**Purdue University Fort Wayne** | *Master's, Computer Science*

**Jan 2024 - Present**

**Anna University - Chennai** | *Bachelor's, Computer Science*

**Aug 2015 - Apr 2019**

## SKILLS

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

## PROFESSIONAL EXPERIENCE

**Accenture** | *Software Engineer*

**Sep 2021 - Dec 2023**

- Engineered robust Java backend features by translating detailed Jira requirements into scalable solutions, delivering projects on time and improving system reliability
- Optimized user access management through precise configuration in Windchill and Polarion while maintaining accuracy and streamlining Confluence documentation to enhance team collaboration
- Enhanced cloud infrastructure resilience by executing comprehensive production tests on AWS and continuously monitoring AWS Lambda functions to maintain scalable operations
- Accelerated quality assurance processes by architecting and integrating automated testing frameworks, boosting testing efficiency and reducing deployment delays

**Accenture** | *Associate Software Engineer*

**Feb 2021 - Aug 2021**

- Architected and delivered SaaS applications using AngularJS, Node.js, MongoDB, and RESTful APIs, improving delivery efficiency by 20% through modular design and seamless integration
- Boosted software performance by 10% by leveraging Agile methodologies and refining design patterns, ensuring rapid adaptability and maintaining reliable code
- Fortified backend reliability by instituting test-driven development (TDD) practices, significantly reducing defects and enhancing overall system stability.
- Reduced pre-deployment issues by 20% through close collaboration with DevOps teams to design and implement robust CI/CD pipelines, enabling faster and more secure release cycles.

## PROJECTS

### Event Vault

- Spearheaded the design and deployment of a scalable event planning platform using React, Node.js, and MongoDB—streamlining event management and enhancing operational efficiency.
- Implemented robust security measures by establishing secure user authentication and role-based access control, thereby safeguarding sensitive data and ensuring regulatory compliance.
- Collaborated cross-functionally with design and mobile teams to deliver responsive, cross-platform solutions that significantly elevated the user experience.

### Survey Metrics

- Collaborated on a dynamic survey-based web application built with Python, NoSQL, and React.js—effectively connecting users with domain experts and empowering data-driven decision-making.
- Designed intuitive user interfaces that streamlined interactions and improved data accuracy, directly amplifying user engagement and overall satisfaction.
- Instituted rigorous testing protocols with comprehensive test case documentation in Jira, expediting issue resolution and reinforcing product reliability.

### Portfolio

- Crafted and launched a visually compelling personal portfolio website using React, Next.js, Material-UI, and Font Awesome—effectively showcasing projects and technical expertise to enhance professional branding.
- Optimized performance and SEO by leveraging Next.js, for server-side rendering, resulting in rapid load times and markedly improved search engine visibility.
- Applied Figma Expertise to refine visual elements to enhance user engagement by integrating Material-UI components to develop a modern, intuitive interface that adapts seamlessly across devices, ensuring consistent, high-quality user interactions.
- Applied Figma Expertise to refine visual elements and ensure a modern, user-friendly interface throughout the site.

## Certifications

- **Microsoft Certified: Power BI Data Analyst Associate:** Acquired proficiency in connecting and transforming data, implementing data models, and creating visualizations and dashboards to drive business decisions. Developed expertise in using DAX (Data Analysis Expressions) to create formulas and expressions for dynamic data analysis.