

KRANTHI KUMAR REDDY ANNAPUREDDY – FULL STACK DEVELOPER

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PROJECTS

Portfolio Website	JUN 2025 - PRESENT
Tools: <i>HTML, Type Script, SCSS, Angular, GitHub Actions</i>	
<ul style="list-style-type: none">• Automated CI/CD using GitHub Actions, reducing development time by 80%.	
Trade Connect and Processing (TCP)	OCT 2020 - PRESENT
Tools: <i>Java, Angular, MySQL, BIRT, Kafka, Liquibase</i>	
<ul style="list-style-type: none">• Upgraded legacy APIs to Restful services, improving integration capabilities and reducing response times by 30%.• Integrated SpotBugs into the CI/CD pipeline, improving code quality and preventing 15+ potential production defects.• Implemented Liquibase for automated database schema versioning, reducing manual errors by 40%.• Designed and optimized BIRT reports, improving performance and delivering insights to 100+ business users with reduced report generation time.• Integrated and optimized mail service configurations, improving notification reliability and reducing email delivery failures by 20%.• Integrated RESTful APIs with Angular front-end, enabling seamless data flow and real-time updates for end-users.• Developed and maintained Apache Kafka-based event-driven systems, enabling real-time data streaming and reducing message processing delays by 25%.• Optimized Angular application performance by leveraging lazy loading, change detection strategies, and state management, resulting in smoother navigation.	

EDUCATION

Master of Engineering in Internetworking	SEPT 2023 - MAY 2025
<i>Dalhousie University, Halifax, NS</i>	
<ul style="list-style-type: none">• Relevant Courses: Programming in Internetworking (Docker, CI/CD pipelines).	
Bachelor of Engineering in Electrical and Electronics Engineering	JUN 2016 - SEPT 2020
<i>Anna University - R.M.D. Engineering College, India</i>	
<ul style="list-style-type: none">• Relevant Courses: Object Oriented Programming (C, C++, Java languages and Algorithms).	

EXPERIENCE

Remote	SEPT 2024 - PRESENT
Full Stack Developer	
<ul style="list-style-type: none">• Introduced automated testing (JUnit, CI/CD integration) in legacy systems, increasing test coverage and preventing regression defects.• Migrated legacy monolithic applications to modern microservices architecture, improving scalability and reducing system downtime by 40%.• Integrated and customized DataTables within Angular applications, enabling advanced features such as pagination, sorting, and filtering, which improved data accessibility for 500+ end users.• Collaborated with UI/UX teams to translate wireframes and business requirements into intuitive, user-friendly web interfaces.	
SoWeDid Software Solutions, Hyderabad, India	OCT 2020 - MAY 2023
Software Developer	
<ul style="list-style-type: none">• Refactored outdated codebases to adopt modern frameworks and design patterns, enhancing maintainability and reducing technical debt.• Implemented reusable Angular components and services, streamlining development and reducing code duplication across modules.• Documented Liquibase workflows and best practices, making it smooth on-boarding for the new team members and improving database release cycle by 25%.• Built and optimized Elasticsearch queries and indexes, reducing search response time by 30% and supporting faster data retrieval across applications.	