

KRANTHI KUMAR REDDY ANNAPUREDDY – FULL STACK DEVELOPER

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PROJECTS

Portfolio Website

JUN 2025 - PRESENT

Tools: HTML, Type Script, SCSS, Angular, PostgreSQL, Spring Boot, Docker

- **Automated CI/CD using GitHub Actions**, reducing develop to deploy time by 80%.
- **Deployed a Dockerized API on a free hosting environment**, reducing infrastructure costs and powering an Angular application with live data.

Trade Connect and Processing (TCP)

OCT 2020 - PRESENT

Tools: Java, Angular, MySQL, BIRT, Kafka, Liquibase

- Upgraded legacy **APIs to Restful services**, improving integration capabilities and reducing response times by 30%.
- Implemented **Liquibase for automated database scheme 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

Dalhousie University, Halifax, NS

- Relevant Courses: Programming in Internetworking (Python, Docker, CI/CD pipelines).

Bachelor of Engineering in Electrical and Electronics Engineering

JUN 2016 - SEPT 2020

Anna University, R.M.D. Engineering College, India

- Relevant Courses: Object Oriented Programming (C, C++, Java languages and Algorithms).

EXPERIENCE

Remote

SEPT 2024 - PRESENT

Full Stack Developer

- 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

- **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.