RAHUL REDDY KARUMURI

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https://rahul-reddy-karumuri.github.io/portfolio

WORK EXPERIENCE

- **Senior Software Engineer**, *Mindtree Ltd, Bangalore, India*:   01/2019 – 08/2021
  - Worked in an Agile team, had good knowledge in all phases of an SDLC.
  - Implemented **UI/UX** developments related to customer facing web applications.
  - Designed and developed **Java** based web applications and **REST** services in **Spring Boot** architecture.
  - Migrated existing website to an **AEM** based architecture, overhauling frontend to **ReactJS** based hybrid pages.
  - Worked on performance improvements to improve page speed with an overall improvement of 25%.
  - Responsible for resolving critical and priority bugs and mentoring junior minds.
  - **Rewards & Recognitions:**
    - ■ Crest Award (2020) ■ A-Team Award (2020) ■ Quarterly Performance Award (2019, 2020, 2021)

TECHNICAL SKILLS

- **Programming Languages:**   Java, JavaScript, Python, C Programing
- **Front-end:**   HTML, CSS, JavaScript, ReactJS, AngularJS, Angular, Bootstrap, jQuery
- **Back-end:**   Java, Spring Boot, Spring MVC, JSP, REST, JPA, Hibernate, NodeJS
- **Databases:**   MySQL, MongoDB, Postgres
- **Testing Frameworks:**   Junit, Selenium
- **Tools & Software:**   Git, Maven, Jira, SonarQube, Postman, Linux, JMeter
- **Cloud:**   Docker, Jenkins, AWS (RDS, EC2, SNS), GCP(CRS)
- **Methodologies:**   Agile, Scrum, Kanban
- **Operating Systems:**   Windows, Mac, Linux

PROJECTS

- **Toyota Owners:**   (*HTML, SCSS, JavaScript, ReactJS, Java, AEM, CRUD, API*)
  - Designed in **Java, AEM** with **Microservice** architecture and uses DAM as content management system.
  - Developed Google Map module, where users can search for their nearest located dealers.
  - Developed a dynamic navigation menu bar using **HTML, CSS,** and **JavaScript** as per the client's requirement.
  - Delivered all modules within estimated time with code quality greater than 90%.
  - Developed multiple **POC**'s for all the new features and given conclusion to the clients.
  - Designed and developed **analytics** with JavaScript for tracking purposes.
  - Fixed many Regression issues before each release and ensured a smooth deployment.

- **My Books – E-commerce application prototype:**   (*Angular, Bootstrap, Java, Spring Boot, JPA, JWT, MySQL*)
  - Designed swagger and wrote APIs in **Java Spring Boot**.
  - Designed mapping between tables in **MYSQL.**
  - Developed filters module, cart module, like and dislike functionalities.
  - Created front-end with **Angular** and **Angular Material** for Responsiveness.

- **Trucker – Defect tracking Tool:**   (*Java, Spring Boot, ReactJS, Bootstrap, JavaScript, MongoDB*)
  - Designed architecture and mapping for the objects.
  - Created add defects module, admin dashboard with the chart.js library for displaying the results of code quality, review effectiveness, etc.
  - Deployed the application using **Docker**.

EDUCATION

- **University At Buffalo, The State University of New York** (*Present*).   08/2021 – 12/2022 (Anticipated)
  Master of Science, MS - Computer Science (CGPA 3.84/4)
  Selected Coursework: Analysis of Algorithms, Machine Learning, Distributed Systems, Database Systems
  Honors: Software and Information Systems
- **K L University,** *Guntur, India*   06/2015 –05/2019
  Bachelor of Technology, B. Tech – Computer Science (GPA 7.83/10)
  Honors: Knowledge Engineering