

# RAHUL REDDY KARUMURI

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

## WORK EXPERIENCE

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- **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

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- **Programming Languages:** Java, JavaScript, Python, C Programming
- **Front-end:** HTML, CSS, JavaScript, ReactJS, AngularJS, Angular, Bootstrap, JSP, jQuery
- **Back-end:** Java, Spring Boot, Spring MVC, 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

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- **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

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- **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