Deepak Kakarla Matham

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EDUCATION

MASTER'S IN COMPUTER SCIENCE | GEORGE MASON UNIVERSITY

Aug 2021 - Aug 2023

Coursework so far: Algorithms, Cloud Computing, Software Engineering, Databases.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER | ACCENTURE, INDIA - Java Microservices

June 2019 - Aug 2021

- Collaborated with FIAT CNH Industrial software architects to migrate their legacy web application to a RESTful webservices-backed portal, used by 11000 FIAT CNHI dealers worldwide to order spare parts.
- Spearheaded a 4 member team in an agile methodology to develop back-end RESTful APIs in a microservices architecture and wrote JUnit tests to increase efficiency by 50 percent.
- Worked closely with front-end Angular team for seamless integration with back-end, which boosted the app speed by 25 percent and bolstered the UX scorecard.
- Accomplished the 2 week deliverables in less than 1 week for several sprints and significantly brought down associated budget, thereby boosting CNH Industrial's yearly revenue by 7 billion USD in 2020.
- Leveraged latest technologies like Spring Boot, Spring Security, Netflix OSS libraries, Java 8.

SOFTWARE ENGINEER | ACCENTURE, INDIA - Struts

Feb 2017 - June 2019

- Replaced a 4 member senior team and took over the development tasks of an existing struts web application serving orders of Fiat Chrysler Automobiles dealers from 130 countries.
- Procured requirements from clients in waterfall model and accordingly modified/created new SOAP Webservices, JSPs, Servlets to maintain and update the website with over 1.5M monthly visits.

RECENT PERSONAL PROJECTS

PROGRAMMING QUIZ PLATFORM - Spring Boot, Angular, AWS

Jan 2021 - March 2021

- Created a programming quiz platform that lets users test their coding ability in any given algorithm/data structure of their choice through quizzes which follow an adaptive test format.
- It also allows users to brainstorm about quizzes in forums, check weekly leader board, contribute tutorials and articles on programming.
- Quiz questions are generated from a randomized MySQL DB pool, that simulate the test experience of professional interview tests like those of HackerRank™.
- Developed front-end using Angular with single page applications and back-end using Spring Boot with lazy loading RESTful APIs that reduced page load time by 50 percent compared to a traditional JSP or HTML based app.

RESUME GENERATOR - Spring Boot, Javascript, Thymeleaf, MySQL

Dec 2020 - Jan 2021

- Developed a web app that takes in users' details in a static html, their choice of resume template and then automatically generates a resume with a shareable URL.
- Automated the manual effort involved in formatting rich text in Word docs or in dealing with LaTeX plain text code that can save 5 hours on an average to create resumes.

SKILLS

PROGRAMMING LANGUAGES - Java 8 • Typescript • Javascript • HTML • CSS
FRAMEWORKS/TECHNOLOGIES - Spring Boot • Spring MVC • Hibernate • JPA • MySQL • Angular
IDE/SERVER/BUILD TOOLS - Spring Tool Suite • MS Visual Studio Code • IntelliJ • Tomcat • Maven
VERSIONING/BUG TRACKER/DOCUMENTATION - Git • Bitbucket • Jira • Confluence • Swagger
CLOUD/DEVOPS - AWS • Docker • Jenkins
OS - Windows • MacOS