Deepak Kakarla Matham

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I'm an experienced computer science graduate student, seeking software engineerintern/full-time positions.

EDUCATION

MASTER'S DEGREE IN COMPUTER SCIENCE | GEORGE MASON UNIVERSITY, USA

August 2021 to May 2023 | 3.33 GPA
Completed courses: Cloud Computing, Software Engineering, Algorithms, RDBMS, C, Mathematics.

BACHELOR'S DEGREE IN INFORMATION TECHNOLOGY | C.B.I.T, INDIA

September 2012 to June 2016 | 3.12 GPA
Key courses: OOP using Java, Operating Systems, Data Structures, Web Technologies.

SKILLS

PROGRAMMING LANGUAGES : Core Java • Python • HTML5 • CSS • Javascript • Typescript
FRAMEWORKS/BUILD : Spring Framework • Angular • Spring Tool Suite • Visual Studio Code • Maven
SOURCE CONTROL TOOLS/UNIT TESTING: Git • Bitbucket • OpenAPI / Swagger • JUnit
PROJECT MANAGEMENT: Atlassian • Jira • Confluence
CLOUD/DEVOPS : AWS • Docker • Jenkins • Kubernetes
OS/DBMS : Windows • Unix/Linux • MySQL • DB2 • MongoDB • JPA / Hibernate

WORK EXPERIENCE

SENIOR FULL STACK DEVELOPER | ACCENTURE, INDIA - Java, SpringBoot, Angular

February 2018 to August 2021

- Collaborated with FIAT CNH Industrial scrum masters to migrate their legacy web application to a RESTful web services software, used by 11000 FIAT CNHI dealers worldwide to order automotive spare parts.
- Spearheaded several teams in an agile methodology to define systems design and develop microservices architecture while adhering to optimal algorithms / data structures and design patterns.
- Created single-page applications with creative design using Angular, to make asynchronous REST calls to back-end, which enhanced the app speed by 50 percent.
- Accomplished the 2 week deliverables in less than 1 week for several sprints, carried out peer-reviews, documentation and debugged production issues.
- Mentored new joiners and oversaw their training on full stack software development.

SOFTWARE ENGINEER | ACCENTURE, INDIA - Java, Struts MVC, My SQL

February 2017 to February 2018

- Replaced a 4 member senior team and took over the development tasks of an existing struts mvc application, serving orders of Fiat dealers from 130 countries.

PERSONAL PROJECTS

https://github.com/whoisdeepak

SOCIAL MEDIA WEB APP - Java, REST APIs, Spring Boot, React Native, MySQL, AWS, Apache Kafka

January 2021 to March 2021

- Created a lightweight replica of the social media app - Instagram™ using open-source frameworks like ReactJS, Spring Boot.
- Backed by single page web applications interface, asynchronous REST APIs, redis caching etc., the entire app is running on AWS cloud with CI/CD pipelines for automated build and deployment.

VIDEO STREAMING WEB APP - React.js, Redux, Nodejs, MongoDB

March 2020 - June 2020

- Created a video streaming app, similar to Netflix™, that aims to let users stream videos over the web posted by the admin.
- Authenticated, authorized users using JWT and implemented signup, login via facebook, google accounts using OAuth 2.0
- Developed an admin dashboard allowing intuitive insertion, updation of content and monitoring of user analytics.