Deepak Kakarla Matham

4311 Bob Ct, Fairfax, Virginia, 22030

+17378950755 | kmdeepak25@gmail.com | whoisdeepak.github.io | linkedin.com/in/deepak-kakarla/

I'm an experienced computer science graduate student, seeking software engineer intern / 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, Data Structures, Web Technologies, Operating Systems.

SKILLS

PROGRAMMING LANGUAGES : Core Java • Python • HTML • CSS • Javascript • Typescript
FRAMEWORKS/BUILD : Spring Framework • Angular • Spring Tool Suite • Visual Studio Code • Microsoft Office Suite • 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, Spring Boot, Angular

February 2018 to August 2021

- Collaborated with FIAT CNH Industrial scrum masters to migrate their legacy application to a RESTful web services software, used by 11000 FIAT CNHI dealers worldwide to order automotive spare parts.
- Led several teams to help define systems design of microservices architectures, while adhering to optimal algorithms / data structures.
- Created single-page applications using Angular on front-end to make asynchronous REST calls to Spring Boot on back-end, which enhanced app speed by 50 percent.
- Accomplished 2 week deliverables in under 1 week for several sprints, carried out peer-reviews, post-release bug fixes in production, in an agile methodology.
- 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, Spring Boot, React Native, MySQL, AWS, Jenkins, Apache Kafka

January 2021 to March 2021

- Created a lightweight replica of the social media app - Instagram™ using emerging technologies like ReactJS, Spring Boot.
- It is supported by single-page applications, asynchronous REST APIs, lazy loading, externalized configuration, redis caching, netflix oss libraries, functional programming etc.
- Used jenkins CI/CD pipelines for automation of 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.
- Built the app with cross-browser compatibility and implemented security features using JWT, OAuth 2.0
- Developed an admin dashboard using React allowing intuitive insertion, updation and maintenance of content.