

Deepak Kakarla Matham

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I am an experienced and passionate 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: Web Technologies, Object-oriented programming using Java, Operating Systems, Distributed Systems.

WORK EXPERIENCE

SENIOR FULL STACK DEVELOPER | ACCENTURE, INDIA - JAVA, MICROSERVICES, SPRING BOOT, ANGULAR

February 2018 to August 2021

- Worked collaboratively with FIAT CNH Industrial software architects to migrate their legacy application to a scalable, resilient RESTful webservice software, used by 11000 FIAT CNHI dealers to order spare parts.
- Spearheaded several teams in an agile methodology to lay out systems design and develop microservices while adhering to optimal algorithms / data structures and design patterns.
- Created single-page applications using Angular to make asynchronous REST calls to back-end and participated in release and post-release activities.
- Accomplished the 2 week product deliverables in less than 1 week for several sprints, thereby boosting CNH Industrial's yearly revenue by 7 billion USD in 2020.
- Undertook technical hands-on knowledge-transfer sessions for new joining engineers.

SOFTWARE ENGINEER | ACCENTURE, INDIA - JAVA, STRUTS JSP, MY SQL

February 2017 to February 2018

- Replaced a 4 member senior team and took over the development of an existing struts mvc web application serving orders of Fiat Chrysler Automobiles dealers from 130 countries, accounting for over 1.5M monthly visits per month.

PERSONAL PROJECTS

<https://github.com/whoisdeepak>

SOCIAL MEDIA WEB APP - JAVA, REST APIs, SPRING BOOT, REACT NATIVE, MYSQL, AWS

January 2021 to March 2021

- Created a lightweight replica of the social media app - Instagram™ using React, Java frameworks and SQL.
- It boasts all major features of Instagram like media sharing, messaging, social networking etc.
- Backed by toolsets like single page applications, asynchronous REST APIs, redis caching etc., the entire app is running on AWS cloud with CI/CD pipelines.

VIDEO STREAMING WEB APP - REACT.JS, REDUX, NODE.JS, 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.

SKILLS

PROGRAMMING LANGUAGES : Core Java • Python • HTML • CSS • Javascript • Typescript • C/C++

FRAMEWORKS/IDE/BUILD : Spring Boot • Angular • React • Spring Tool Suite • MS Visual Studio Code • IntelliJ • Maven

VERSIONING/MANAGEMENT/TESTING: Git • Bitbucket • Jira • Confluence • OpenAPI / Swagger • JUnit

DEVOPS/DBMS/OS : AWS • Docker • Jenkins • K8S • MySQL • MongoDB • JPA / Hibernate • Windows / Linux