# Dinesh Kumar Rama

dineshkumary2j@gmail.com | (940)-843-5938 | LinkedIn:https://www.linkedin.com/in/dinesh-rama-68ba4416b|
GitHub: https://www.github.com/dk18234

## EDUCATION

**University of Oklahoma**                                                                                             **Norman, Oklahoma**

*Master's Degree in Computer Science (Expected Graduation, December 2024)   -   **GPA: 4.00/4.00***

**GITAM (Deemed to be University)**                                                                                      **Vizag, India**

*B.Tech in Computer Science Engineering   -   **GPA: 3.33/4.00***                                      *Jun 2016 - Jun 2020*

## EXPERIENCE

**Tata Consultancy Services**                                                                                           **Chennai, India**

*Software Development Engineering*                                                                          *Oct 2020 – Dec 2021*

- Proficient in utilising Java frameworks such as Spring Boot for building scalable and efficient applications.
- Strong understanding of web technologies like HTML, CSS**,** and JavaScript for front-end integration.
- Developed a RESTful API using Spring Boot, enabling seamless communication between front-end and back-end components, resulting in a 30% reduction in response time.
- Integrated the trained model into a web application using ReactJS, providing users with a seamless experience to interact with the model in real-time.
- Optimized the performance of a legacy Java application by identifying and refactoring bottleneck areas, resulting in a 40 % improvement In processing speed.
- Experience with relational databases like MySQL and ORM frameworks like Hibernate for data persistence.

## SKILLS

**Programming:**  Java| Python| JavaScript| C++| C
**Web Technologies:** HTML | CSS | JavaScript | Node.js | Spring Boot | React, Vue

**Tools & Frameworks:** IntelliJ| PyCharm| Eclipse| AWS| Jupyter Notebooks| Git| Bootstrap| Spring Boot| Agile| Postman

**Databases:** MySQL | Oracle | Mongo DB | PostgreSQL
**Others:** Data Structures & Algorithms | Machine Learning | Deep Learning | NLP | Software Development Methodologies

## PROJECTS

**E-commerce Website using React and Spring Boot**

- Designed and developed an E-commerce web application project using Spring Boot and React, enabling customers to purchase goods or services online.
- Implemented a user-friendly frontend interface using React, including features such as product catalog, shopping cart, and order tracking.
- Developed a secure backend using Spring Boot, including user authentication, payment gateway integration, and database management

**Stock Predictor**

- Developed a web-based Course Management System using Spring Boot and React, allowing administrators to manage courses and students to enroll in them.
- Designed and implemented a user-friendly frontend interface using React, including features such as course catalog, student enrollment, and grade tracking.
- Developed a secure backend using Spring Boot, including user authentication, database management, and RESTful API endpoints.
- Implemented search and filtering functionalities to enable users to quickly find relevant courses based on various criteria, such as course title, instructor, and subject area

## CERTIFICATIONS

- Certified in Web Development (Udemy)
- JPMorgan Chase & Co Virtual Experience Program on Forage - Aug 2023
- **Workshop:** Introduction to Big Data at IIT Madras