

Radheshyam Kumar

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EDUCATION

University of Texas at Dallas

Master of Science in Computer Science

National Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Richardson, Texas

August 2021 – May 2023

Trichy, India

July. 2013 – May 2017

WORK EXPERIENCE

Intel Corporation

Santa Clara, California

Software Graduate Intern

May. 2022 - Dec 2022

- Developed a Full Stack application for Dashboard using React, NodeJS, Flask, and MongoDB, enabling easy and efficient visualization of key metrics and data trends.
- Designed and implemented Machine Learning models to predict Internal Compute Data, resulting in significant improvements in forecasting accuracy and delivering valuable insights to stakeholders.
- Established and maintained reliable CI/CD Jenkins pipelines for continuous data collection, retraining, and deployment of ML models

Oracle Corporation

Bangalore, India

Senior Software Engineer

Feb. 2020 - Aug. 2021

- Lead Developer for the Fusion Integration , creating efficient and reliable Web-Services for seamless integration between Fusion and Oracle Store using Java.
- Developed robust back-end interfaces for all Agreement Integration using Java and PL/SQL, improving system performance and ensuring data integrity.

Software Engineer

July 2017 - Jan. 2020

- Designed and enhanced Oracle Store Platform, using Java, APEX, OJET and PL/SQL.
- Developed and maintained internal applications and modules used by Oracle employees and its business operations, contributing to the company's overall productivity and efficiency.

Updater Services Ltd.

Chennai, India

Software Engineering Intern

May. 2016 - July 2016

- Developed an Android application that improved the efficiency of data collection at over 2000 work sites.
- Designed and implemented REST APIs for the application using Spring Boot and Hibernate

PROJECTS

Tutor Web Application

Feb.-Apr. 2022

Led the design and development of a Full Stack Web Application utilizing React, NodeJS, ExpressJS, and MongoDB. Implemented a custom algorithm for matching students and tutors based on their academic strengths and preferences, providing a more personalized and effective learning experience.

Answer Retrieval System: NLP Project

Nov.-Dec. 2021

Built an Answer Retrieval System in Python using a custom NLP pipeline. Indexed and optimized document search using Elasticsearch, leading to faster query resolution and more effective search results.

Resume Parsing and Ranking

Jan.-April 2017

Developed a web application using PHP and Bootstrap to enable easy and efficient parsing and ranking of resumes. Incorporated Supervised ML techniques, resulting in improved candidate evaluation and selection.

TECHNICAL SKILLS

Languages: Python, Java, PL/SQL, JavaScript, C/C++, HTML/CSS

Frameworks: Spring, Hibernate, React, ExpressJS, NodeJS, Spark, Hadoop, Flask, TensorFlow, Keras

Databases and Developer Tools: OracleSQL, MySQL, MongoDB, Git, Linux, AWS, GCP, Jenkins, Firebase

HONORS AND AWARDS

- SAFe certified Agile Software Developer
- Winner – OAL IDC UX Hackathon 2019: Organization-wide User-Experience hackathon.
- Runner up – Oracle Store Innovation week 2020: Oracle Store team quarterly innovation week.