

Kiran Gangadhar Devihosur

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EDUCATION

Master of Science in Data Science | University of Colorado Boulder Aug 2023 - May 2025
GPA: 4/4
Bachelor of Technology in Computer Science and Engineering | KLE Technological University, India Aug 2016 – June 2020
GPA: 8.52/10

SKILLS

Programming languages: C++, Python, Java
Databases: PostgreSQL, MongoDB, MySQL, SQL Server
Web Technologies: HTML, CSS, JavaScript, React, TypeScript, Angular, Node.js, Django, Material-UI, Redux, Jest
Cloud, DevOps and Frameworks: AWS, GCP, Git, CI/CD, Docker, Kubernetes, Spring Boot
Data Visualization: Tableau, Microsoft Power BI
API Technologies: GraphQL, REST
Project Management Methodologies: Agile/Scrum
Tools: JIRA, GitLab, GitHub, Visual Studio Code, PyCharm, Postman

WORK EXPERIENCE

Software Engineer, TEKsystems Global Services, Bangalore, India Aug 2021 – June 2023

- Led the development and successful delivery of critical product enhancements for a Java-based web application in an agile environment. Increased the application's capability by 30% and improved the user experience by 20%.
- Engineered and optimized UI components using **React** and **Material-UI**, contributing to a 40% improvement in page load times and an 18% increase in overall user engagement. Simultaneously, constructed server-side **REST APIs** with **Spring Boot**, ensuring a responsive user interface coupled with a resilient back-end architecture.

Associate Software Engineer, Accenture, Bangalore, India Nov 2020 – Aug 2021

- Created **React** components for the client-side web application, improving the user interface. Conducted unit testing with **Jest**, achieving 95% test coverage for reliable and high-quality user interface.
- Debugged and resolved software bugs, implementing testable and efficient code solutions. Improved codebase, reducing software errors by 20%.

Junior Software Developer Intern, Transil Technologies, Hubballi, India Jan 2020 – June 2020

- Contributed to the development of cloud-native applications, gaining hands-on experience in **cloud computing** and **DevOps** practices such as **CI/CD** pipelines.
- Implemented backend **REST APIs**, seamlessly integrating with front-end **React** components for efficient data flow.

PROJECTS

Ritematch: Innovative Job Matching Portal Oct 2023 – Dec 2023

- Conceptualized and built a transformative job search website that combines job postings from LinkedIn, Glassdoor, Indeed and ZipRecruiter utilizing **React** based frontend with **Django** Backend **REST APIs**.
- Introduced an '**Eligibility Score**' system using **cosine similarity** scores, resulting in a 20% increase in relevant job matches.

Mobile Application for Facial Expression Generation Jan 2019 – May 2019

- Developed a mobile application that leveraged machine learning models to allow users to upload facial images, generating various facial expressions such as smiles, sadness, anger, and surprise.

Machine Learning with a Heart Sept 2018 – Dec 2018

- Designed a comprehensive data model capable of compiling, consolidating, and predicting the presence or absence of heart disease in patients using various health measurements and cardiovascular statistics.

ACHIEVEMENTS

- Achieved “**SPOT AWARD**” in recognition of exceptional performance on project showcasing consistent dedication and valuable contributions to project success at **TEKsystems Global Services**.