

BHARAT CHUNDRU

Irvine, TX

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https://bharat-0099.github.io/website/

SUMMARY

Entry-level Software Developer experienced in designing, developing, and deploying applications. Proficient in modern technologies like JavaScript, React, Node.js, and Spring Boot to create responsive interfaces. Successfully reduced code redundancy by 25% through reusable React components and improved deployment frequency by 50% in Agile teams. Eager to leverage skills to contribute to innovative software solutions.

EDUCATION

University of Illinois

Aug 2022 - Jan 2024

Master of Science, Computer Science

- Coursework: OOPS with Java, MYSQL & Advanced MySQL, NoSQL Databases, Machine Learning, Data Visualization, Statistical Concepts

SRM University

Jun 2018 - Jun 2022

Bachelor of Technology, Computer Science & Engineering

- Achievements: Completed Software Development Hands-on Training Organised by APSSDC
- Coursework: Web Technologies, Data Structures and Algorithms, Design and Analysis of Algorithms, Object Oriented Programming, Database Concepts, Software Engineering, Operating Systems

SKILLS

- Java & Core J, JavaScript, MySQL, Oracle DB, MongoDB, SQL Server, HTML, CSS, Bootstrap, jQuery, React, Node JS, Spring Boot, Core Java, REST API, Jest, Unit Testing, GIT & GitHub, Python

WORK EXPERIENCE

Kube IT Inc.

Mar 2024 - Aug 2024

Software Developer

Atlanta, GA

- Crafted responsive user interfaces with HTML5, CSS3, and Bootstrap enhancing user engagement through intuitive design and interactive elements.
- Constructed reusable React components and employed Redux for efficient state management, decreasing code redundancy by 25% and improving maintainability.
- Utilized Spring Boot to design and construct scalable RESTful APIs, which ensured effective communication between client and server, resulting in improved system reliability
- Coordinated in Agile teams, participating in sprint planning and code reviews, which resulted in a 50% increase in deployment frequency.
- Employed Git and GitHub for version control, improving code management efficiency and fostering seamless collaboration among team members.

University of Illinois

Feb 2023 - Dec 2023

Research Assistant

Springfield, IL

- Developed a REST API using MongoDB to store data from learning management systems, improving data accessibility for research projects
- Implemented a MERN-Stack web application to analyze data, enhancing the efficiency of data processing and visualization
- Evaluated methods for demonstrating GitHub collaboration in a teaching environment, leading to improved student engagement and understanding of version control

PROJECTS

Portfolio website

- Developed a responsive portfolio website using HTML5, CSS3, JavaScript and ReactJS
- Integrated contact form with email functionality
- Developed custom React hooks to encapsulate reusable logic for form handling, API fetching, and animations

Library Management System

- Established a Java-based library management system, enhancing user experience through a streamlined interface, which increased user engagement.
- Applied SQL database integration, optimizing data retrieval processes, resulting in a 40% reduction in query response time.
- Designed and executed unit tests, achieving a defect rate, thereby ensuring high-quality code and system reliability.