

# Praneeth Reddy

Java Full Stack Developer | Software Engineer

+1832449 8668 | [praneethreddyk19@gmail.com](mailto:praneethreddyk19@gmail.com) | [Linkedin](#) | Willing to Relocate

## SUMMARY

A Proactive and resourceful Full Stack Developer boasting 3+ years of experience in developing innovative web applications with a variety of features. Proficient in Rest API development, enhancing framework efficiency, and managing CI/CD pipeline integrations, additionally adept at designing, coding, and launching end-to-end scalable solutions incorporating cloud technologies, including AWS and containerization.

## EDUCATION

### University of Central Missouri

August 2022 - Dec 2023

- Master of science in computer science
- Relevant coursework: Adv data Structures and Algorithm, Adv Operating System

### Bhavan's Vivekananda college

August 2017 - May 2020

- Bachelors in computer application.

## SKILLS

- **Programming:** Java, TypeScript, JavaScript, Python.
- **Frontend Technologies:** ReactJs, NextJs, Redux Saga, HTML5, CSS3, Bootstrap, Axios, Npm, Yarn.
- **Databases:** MySQL, SQL, PostgreSQL, MongoDB, AWS DynamoDB, Oracle DB.
- **Backend Technologies:** Spring MVC, Spring Boot, Spring Security, Flask, Apache Kafka, SOAP, XML, JSON, OAuth 2.0, Spring Hibernate, REST API, Kubernetes, Docker.
- **Testing Frameworks:** Jest, Mockito, React Testing Library, JUnit.
- **Cloud Services:** AWS, Azure Boards, AWS Lambda, EC2, AWS CLI.
- **Version Control and Collaboration:** Git, Bitbucket, Jenkins, Jira, Git Hub.

## PROFESSIONAL EXPERIENCE

### Arvest Bank

Texas, USA

Software Developer

September 2023 - Present

- Leveraged **Spring Boot** framework to develop robust backend solutions, reducing **API** response time by 30% and ensuring secure and scalable applications.
- Employed **React** library to engineer responsive and dynamic user interfaces, augmenting user experience and engagement across multiple devices.
- Integrated Spring Boot backend with **React** frontend utilizing RESTful APIs, minimizing data transfer overhead, and facilitating seamless communication and data exchange between components.
- Designed and optimized **PostgreSQL** database schemas, improving query performance by 50% and reducing database maintenance overhead by 40%, ensuring data integrity and reliability.

### Komhar Infotech India Private Limited

Hyderabad, India

Software Engineer

January 2021 - July 2022

- Developed an insurance application using **Spring IOC**, Spring MVC Framework, and Spring Boot, resulting in a 20% increase in system efficiency and a 18% enhancement in backend performance.
- Implemented an authenticated and authorization security mechanism using **Spring Security**, leveraging JWT and refresh tokens, resulting a 23.5% improvement in overall system security.
- Engaged in **Bitbucket** code reviews, promoting team collaboration and knowledge exchange to pinpoint and address production issues, leading to a notable 20% decrease in post-deployment defects.
- Orchestrated test-driven development methodologies to maintain Sonar code coverage consistently exceeding 80%, ensuring seamless deployment through **Jenkins** CI/CD pipelines.

### Komhar Infotech India Private Limited

Hyderabad, India

Associate Software Developer

May 2020 - December 2020

- Designed and executed a diverse range of reusable UI components and Micro Frontends utilizing **React.js** and **TypeScript**.
- Collaborated closely with the design team, incorporating essential UI changes, and streamlining **Agile methodology**, fostered seamless collaboration and enhanced user experience, leading to a 25% increase in application performance.
- Implemented asynchronous call management system using **axios** library and state management techniques, leading to a notable 30% reduction in loading time, enhancing the overall performance metrics of the single-page application.
- Enhanced deployment efficiency by integrating **Pivotal Cloud Foundry**, reducing deployment time by 25%, while optimizing build size by 20% and enhancing performance for improved user experience.

## PROJECTS

### Grocery Management System | **Node.js, JavaScript (ES6), JSP, Servlets, NOSQL, CSS.**

- Led the development of a system optimizing inventory management and enhancing user experience.
- Improved operational efficiency through streamlined processes and intuitive interfaces in the project.

### House Rental Management System | **Lambda, EC2, API Gateway, VPC**

- Leveraged Amazon Web Services to create a user-friendly interface, incorporating AWS Lambda functions, enabling the admin user to potentially manage their rental properties.
- Developed advanced search and filtering features for easy property discovery based on location and price range.

### Free Blood Source Online | **JSP, HTML, JavaScript, MySQL**

- This project is a web application that provides information about blood donors to the users who request blood.
- It includes features such as user registration, donor database management, real-time availability updates, and notifications for urgent blood requests.