

# KISHORE KOPPULA

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## SUMMARY

Results-driven Full Stack Developer with expertise in front-end and back-end, particularly with **Node.js**, **Java Spring Boot** and **React.js**. Possesses a strong understanding of **Agile Scrum** methodology and skilled in developing **RESTful APIs**. I am passionate about contributing my technical skills and dedicated to continuous growth and learning, committed to delivering high-quality software solutions within a collaborative team environment.

## TECHNICAL SKILLS

**Front End Development:** HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, React.js, Redux

**Back End Development:** Node.js (Express.js), Java (Spring Boot framework)

**Database:** MYSQL, MongoDB

**Version Control:** Git, **Basic Knowledge:** AWS, Docker

## SOFT SKILLS

- Excellent communication skills, both verbal and written.
- Effective collaborator, adept at working within team environments.
- Excellent problem-solving skills and ability to tackle challenges.
- Continuous learner and strive for achieving desired results.

## EDUCATION

**Master's in information technology** - University of Southern Queensland, Toowoomba, Queensland

**Bachelor's in computer science and engineering** - Jawaharlal Nehru Technological University, Hyderabad

## CERTIFICATIONS

**Hackerrank:** CSS | Front End Developer (HTML, CSS, React.js) | JavaScript

**From Infosys:** React.js Professional | Spring REST API Professional | Spring Microservices Professional

## PROFESSIONAL EXPERIENCE

**Associate Java Spring Boot Developer – Infosys Technologies Limited, Sydney** **June 2022 – June 2023**

- Successfully completed training and internal company certification in Java Spring Boot Full Stack, demonstrating a solid foundation in the technology.
- Designed and implemented RESTful APIs using Java Spring Boot framework, driving backend functionality for scalable applications and achieving a 20% increase in API performance metrics.
- Actively participated in developing test cases that validated critical functionalities across Java Spring Boot backend and React frontend.
- Collaborated closely with QA team to optimize database querying, implementing indexing strategies that improved query efficiency by 40% and optimized performance.
- Conducted comprehensive API testing (REST) using tools like Postman to ensure endpoints consistently delivered the desired responses, ensuring the reliability and efficiency of the application.

## PROJECTS

### Project: Quiz Assessment Platform | [GitHub](#)

**Skills Used:** HTML5, CSS3, React.js, Node.js (Redux and RTK Query), MongoDB

- Developed a comprehensive quiz assessment platform enabling users to create accounts, log in, and attempt quizzes on preferred topics.
- Implemented state management and data fetching using Redux and RTK Query, ensuring efficient handling of user data and quiz information.
- Integrated JWT-based authentication and authorization to secure user accounts, allowing users to edit profiles and access personalized dashboards with graphical performance metrics using chart.js
- Built an admin module for quiz and user management, featuring functionalities to add, edit, and delete quiz questions and users, along with a dashboard to monitor monthly quiz activity across the platform.

### Project: Ecommerce project | [GitHub](#)

**Skills Used:** HTML5, CSS3, Bootstrap, React.js (Redux and RTK Query), Node.js, and MongoDB

- Developed a full-featured E-commerce web application enabling seamless user interaction and responsiveness throughout the platform
- Implemented global state management and efficient data fetching using Redux and RTK Query, ensuring optimal performance of the application and JWT-based authentication and authorization, enhancing security and protecting user data throughout the application
- Seamlessly integrated Stripe payment processing with webhooks to handle real-time transaction updates, providing users with a secure and reliable checkout experience

### Project: MERN Stack Job Tracking Application | [GitHub](#)

**Skills Used:** HTML5, CSS3, Bootstrap, React.js (Redux and RTK Query), Node.js, MongoDB

- Developed a comprehensive Job Portal web application providing a user-friendly interface and robust functionality.
- Enhanced application performance and user experience by implementing Redux and RTK Query for state management and data fetching, achieving reduction in page load times.
- Utilized JWT for secure authentication and authorization, and incorporated Chart.js for dynamic and interactive graphical data representation for better insights.

## EXTRACURRICULAR ACTIVITIES (Virtual Experience Programs)

1. Participated in open access **Software Engineering Virtual Experience Program** by **Hewlett Packard** in association with **Forage**
  - Designed and developed REST API's using spring boot framework along with unit test cases to assess application performance.
2. Participated in open access **Agile Virtual Experience Program** by **JPMorgan Chase & Co** in association with **Forage**
  - Explored Agile Scrum methodology, including user story creation, backlog refinement with story points, and value of daily stand-up meetings, sprint reviews, and retrospectives
3. Participated in open access **Blackbird Software Engineering for Startups Virtual Experience Program** in association with **Forage**
  - Wrote basic input validation code for react application and performed unit testing
  - Assessed cost-effective AWS services for product feature implementation
4. Participated in open access **Technology Consulting Virtual Experience program** by **Deloitte** in association with **Forage – August 2019**
  - Accomplished tasks related to technology strategy and innovation, optimization and delivery, and cloud engineering.