

KISHORE KOPPULA

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Portfolio: <https://kishore906.github.io/MyPortfolio/> | GitHub: <https://github.com/kishore906>

Results-driven **Full Stack Developer** with over 1+ year of hands-on experience building responsive and user-friendly web applications using modern technologies including **JavaScript, React.js, Node.js, and Java Spring Boot**. Proficient in both front-end and back-end development, with a strong knowledge of **RESTful API design**, database integration (**MongoDB, MySQL**), and cloud fundamentals (**AWS Certified Cloud Practitioner**). Experienced with Agile/Scrum methodologies, version control, and DevOps practices using Docker and CI/CD principles. Demonstrates strong problem-solving skills, effective communication, and a commitment to continuous learning and technical excellence.

Skills

Frontend: HTML, CSS, Tailwind CSS, JavaScript, React.js, Responsive Web Design

Backend: Node.js (Express.js), Java (Spring Boot Framework), RESTful APIs

Databases: MySQL, MongoDB

Cloud & DevOps: AWS (Practitioner Level), Docker, Kubernetes, Git and GitHub

Tools & Practices: Postman (API testing), Jira, Confluence, Agile Scrum Methodologies

Soft Skills: Problem-Solving, Strong Communication & Team-Collaboration

Certifications

- **AWS Certified Cloud Practitioner**
Amazon Web Services (AWS)

Issued On: 01/2025

Professional Experience

Associate Developer

Infosys Limited, Sydney, Australia

June 2022 – June 2023

- Designed and implemented scalable RESTful APIs using Java Spring Boot, enhancing backend functionality and improving API performance by 20% through optimized code.
- Collaborated with cross-functional teams, contributing to system improvements and optimizing database queries for faster page loads and improved reliability.
- Designed and executed comprehensive API tests using Postman, ensuring endpoints were reliable and met performance standards, helping to enhance the overall system functionality.
- Gained exposure to cloud technologies (AWS) and DevOps tools, developing an understanding of CI/CD pipelines and infrastructure management.
- Contributed to agile sprint planning and retrospective meetings, offering technical insights and collaborating with team members to ensure timely and efficient delivery of features.

Web Developer Intern

Global Continent Pty Ltd, Melbourne, Australia

Nov 2019 – Mar 2020

- Contributed to the design and development of student management portal, improving the management of student data and administrative workflows.
- Assisted in both front-end and back-end development using technologies like HTML, CSS, PHP and MySQL to create responsive and user-friendly portal.

Personal Projects

Project: Kubernetes Deployment on Google Kubernetes Engine (GKE) | [GitHub](#)

- Designed and implemented a scalable Node.js backend application with MongoDB for CRUD operations on key-value pairs, leveraging GKE for container orchestration and management.
- Provisioned and configured a Google Kubernetes Engine (GKE) cluster, ensuring high availability and fault tolerance for application workloads.
- Managed sensitive data by implementing MongoDB credentials (root and user) using Kubernetes Secrets to securely store and access database credentials.
- Deployed a MongoDB Stateful Set on GKE, enabling persistent storage (GCE) for database data while maintaining unique network identities for each pod.
- Implemented Node.js backend API using Deployment Objects to automate pod management, scaling, and rolling updates within the cluster.
- Defined and enforced Kubernetes Network Policies to secure communication between Node.js and MongoDB pods, and regulated access from external clients to the Node.js service.
- Managed Ingress resources to allocate static IP addresses, configured TLS certificates for secure communication, and validated ingress traffic from the web to Kubernetes pods for seamless user access.

Project: Ecommerce Project | [GitHub](#)

Tech Stack: HTML5, CSS3, Bootstrap, React.js, Redux, RTK Query, Node.js, MongoDB

- Built a responsive e-commerce platform with React.js, Redux Toolkit, and RTK Query, featuring product browsing, user authentication, cart management, and order history.
- Developed secure RESTful APIs using Node.js and Express.js, implemented JWT-based authentication, and modeled data with MongoDB for users, products, and orders.
- Integrated Stripe Checkout with webhooks to handle real-time payment confirmation, order fulfillment, and secure transaction processing.

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

Tech Stack: HTML5, CSS3, React.js, Redux, RTK Query, Node.js, MongoDB

- Developed a dynamic quiz assessment platform featuring user registration, dynamic quizzes, a performance dashboard with Chart.js, and an admin module for quiz and user management, enabling seamless user interactions and efficient data handling.
- Improved data fetching efficiency by integrating RTK Query for API calls, reducing network latency and streamlining state management, resulting in faster quiz loading and user experience.
- Utilized RTK Query's built-in caching to minimize server requests, optimizing data fetching and reducing load times, leading to a more efficient and seamless user experience with quicker access to frequently used data.

Project: Learning Management Project | [GitHub](#)

Tech Stack: HTML5, CSS3, Tailwind CSS, React.js, Context API, Node.js, MongoDB

- Designed and Developed Learning Management System (LMS) that allows users to seamlessly register, login, manage profiles, enroll in courses, track progress, and provide ratings, ensuring a seamless and interactive learning experience.
- Developed an intuitive educator module, enabling instructors to effortlessly create and manage courses, monitor user engagement, and gain insights into earnings.

- Designed and implemented key LMS features such as course enrollment, real-time progress tracking, a streamlined educator interface, and integrated Stripe payment system for secure transactions, ensuring a smooth and scalable user experience across both learner and instructor modules.

Education

Master of Information Technology

University of Southern Queensland, Toowoomba, Brisbane, Australia

Nov 2018

Bachelor of Computer Science and Engineering

Jawaharlal Nehru Technological University, Hyderabad, India

JUNE 2015