RITIK MEHTA

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Experienced **Full-Stack Developer** with 2 years of expertise in **Angular**, **ReactJS**, **Spring Boot**, and **Node.js**, skilled in building scalable applications and optimizing system integrations. Proficient in cloud platforms like **Azure** and **OpenShift**, with hands-on experience in **CI/CD** pipelines, **containerization**, and **microservices architecture**.

PROFESSIONAL EXPERIENCE

Royal Bank of Canada   Toronto, Canada
Software Developer Intern (Developer)   January 2024 – August 2024
- Tech Stack: **Angular (Routing, NgRx, RxJs), TypeScript, Java, Spring Boot, Node, Maven, Jenkins, Docker, Git, OCP4 (Container)**
- Contributed to the migration of a Spring Boot-based application from **Pivotal Cloud Foundry** (PCF) to **OpenShift Container Platform 4** (OCP4), improving scalability and resilience by 30%, while integrating **Kafka** and **Elastic Search** with various AD environments to enhance system performance.
- Managed **Kubernetes** pods and implemented **Horizontal Pod Autoscaling** and **CronJob** Scheduling, boosting resource utilization efficiency and application reliability by 85%.
- Enhanced application performance and scalability by implementing **Cache as a Service** using **Armada** and **Dynatrace** and integrating IVR systems with **Omilia** to improve customer interaction capabilities.
- Developed robust test cases using **JUnit** and **Mockito**, achieving over 55% code coverage on **SonarQube** and ensuring effective application monitoring with **Log4J** for improved reliability and quality assurance.

Tech Savi   Toronto, Canada
Full Stack Developer   February 2023 – October 2023
- Tech Stack: **HTML, CSS, JavaScript, ReactJS, Angular, Node.js, Python, Azure, Git, JIRA, Confluence**.
- Designed and integrated **RESTful APIs** with **Node.js**, enabling seamless communication between front-end and back-end services and ensuring scalable system architecture.
- Automated server provisioning using **Ansible**, reducing setup time by 50%, and implemented secure user authentication with role-based access control via Azure Active Directory for over 1,000 users.
- Streamlined development and deployment processes using GitHub Actions CI/CD, integrating **Azure** services for database, authentication, and hosting, achieving 99.9% uptime and scalability.

Frontline VR India Venture   Delhi, India
Software Engineer Intern   May 2022 – December 2022
- Tech Stack: **ReactJS, JavaScript, Node.js, MongoDB, Microservices Architecture**.
- Spearheaded the development of a customer-facing platform using **ReactJS** and **MongoDB**, achieving rapid growth to 2,000 active users within 3 days of launch.
- Conducted rigorous testing using **Jest**, **Postman**, and **Selenium**, ensuring the reliability, functionality, and seamless integration of various components in the platform.
- Developed and deployed APIs to enhance integration capabilities and ensure seamless communication between services, improving system scalability by 40%

TECHNICAL SKILLS

Programming Languages: Java (Version 8+), C, TypeScript (Version 4.0+), JavaScript (ES6+),
Web Technologies: Angular (Version 12+, RxJS, NgRx (State Management), Lazy Loading, Reactive Forms, Angular Material, Dependency Injection, Custom Directives, Pipes, Angular Universal (Server-Side Rendering), Routing and Guards, Two-Way Data Binding, Lifecycle Hooks, Observables, Change Detection Strategy, Form Validation), React.js and Node.js.
Database: SQL (MySQL), NoSQL (MongoDB), In-memory (Redis)
Version Control Systems & Management: Git, GitHub, GitLab, JIRA
Frameworks: Spring Boot (MVC, JPA, REST, Microservices, Spring Security, Spring Data, Spring Cloud, Spring AOP, Spring Batch, Actuator, OAuth2, Hibernate)
Other Tools: Azure, OpenShift Container Platform 4 (OCP4), PCF, Armada, Dynatrace, GitHub Actions, Docker, Kubernetes

PROJECTS

TheCreativeBud - A Modern E-Commerce Platform   January 2024
Developer, TheCreativeBud
- Developed 'TheCreativeBud', a cutting-edge e-commerce platform, leveraging JavaScript, React and Firebase for a responsive, user-friendly shopping experience.
- Engineered dynamic content management and seamless data handling with Firebase, ensuring real-time site updates and efficient operation.
- Implemented advanced security features for a trustworthy and secure checkout process, enhancing consumer confidence in transactions.
- Introduced custom JavaScript functionality to boost site interaction and performance, setting a new standard for engaging user experiences in e-commerce.

AI Chatbot for Natural Language Processing   September 2023
Developer, University of Windsor
- Led the development and architecture design of an AI-powered chatbot using **JavaScript** and **React Native**, and Node.js, ensuring a seamless user experience and robust back-end functionality.
- Implemented natural language processing (NLP) algorithms and integrated the OpenAI GPT-3 API to provide intelligent and context-aware responses.
- Managed API communication with **Axios**, enabling efficient data exchange and smooth interaction between the chatbot and external services deployed the solution on **AWS**, ensuring efficient data exchange, scalability, and high availability.

EDUCATION

Master of Applied Computing   January 2023 – August 2024
University of Windsor, Windsor, Canada   **GPA: 78.22/100**

Bachelor of Technology, Computer Science & Engineering.   June 2018 - August 2022
Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, India   **GPA: 82.8/100**

CERTIFICATIONS

LinkedIn Certified: Java Algorithms [Link]   March 2023
LinkedIn Certified: Fundamentals of Dynamic Programming [Link]   May 2023