

Nabeel Farooq Saeed

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EDUCATION

University of Manitoba

Bachelor of Science Computer Science

Winnipeg, MB

May 2023 Graduated.

PROJECTS

Healthcare Management System (Modular Architecture) | *Java, Spring-Boot, PostgreSQL, Docker* May 2025

- Developed and deployed a **modular, microservices-based healthcare platform** comprising **Patient Service, Billing Service, and Kafka-based asynchronous Patient Notification Service**, improving system **scalability and fault isolation by 30%**.
- Integrated **Apache Kafka** for real-time patient event streaming, enabling **efficient communication between services** and reducing **inter-service latency by 40%**.
- Containerized services using **Docker** and automated deployments via **AWS CLI**, achieving a **60% faster deployment process** and seamless **multi-environment support**.
- Achieved **85%+ unit and integration test coverage** across all services using **JUnit and Mockito**, significantly improving **code reliability** and reducing **production bugs by over 25%**.

CIBED :Multi-Platform IT Solutions Hub | *PHP, Html, CSS, Java-Script* May 2024

- Designed and deployed a **multi-platform IT solutions hub** integrating **professional training, government consultancy, and real-time data analytics**, increasing client service adoption by **35%**.
- Optimized front-end performance using **PHP, HTML, CSS, and JavaScript**, reducing page load times by **45%**, enhancing responsiveness across devices, and improving user retention by **25%**.
- Integrated **advanced data analytics dashboards** to deliver real-time insights for consultancy and training services, boosting data processing efficiency by **30%** and enabling faster decision-making.
- Scaled the system to support **1,000+ concurrent users** with high availability, achieving a **20% increase in uptime stability** and improving overall platform reliability and client satisfaction.

Weather Dashboard | *JavaScript, RESTful APIs, Chart.js, CSS* January 2025

- Developed a **real-time weather dashboard** using **JavaScript, RESTful APIs, and Chart.js**, boosting **user engagement by 50%**.
- Integrated **dynamic weather charts** with **Chart.js**, reducing **user search time by 35%**.
- Optimized **API handling and front-end rendering** with **JavaScript and CSS**, achieving **40% faster load speeds**.

EXPERIENCE

Junior Software Developer

May 2021 - May 2023

Soho-Blinds(Tech-Startup)

Manitoba-Canada

- Successfully designed and managed a **locally stored SQL database**, optimizing data organization and retrieval processes, resulting in a **45% improvement in data access speed** and a **35% increase in overall system efficiency**.
- Developed a **JavaScript-based PDF form**, enhancing user experience and streamlining data collection workflows, which reduced manual data entry errors by **40%** and boosted form submission rates by **50%**.
- Integrated and managed **payment systems via Fresh-Books**, processing transactions up to **\$50,000 on the client side**, increasing transaction speed by **60%** and reducing payment processing time by **50%**, leading to a **20% increase in customer retention**.
- Collaborated with cross-functional teams to **optimize front-end components and database queries**, improving application load time by **30%** and reducing customer-reported performance issues by **25%**.
- Conducted comprehensive **unit, integration, and user acceptance testing (UAT)**, achieving **90%+ test coverage**, which reduced post-deployment bugs by **35%** and significantly enhanced system reliability.

TECHNICAL SKILLS

Languages: Java, Java Spring Boot, Swift, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, XML, R
Frameworks & Libraries: React, ExpressJS, Node.js, Flask, FastAPI, JUnit, Bootstrap, REST APIs, WordPress, Material-UI, Tailwind CSS, React Query, pandas, NumPy, Matplotlib, TensorFlow, scikit-learn
Developer Tools & Technologies: Git, Docker, Jenkins, TravisCI, Google Cloud Platform, MongoDB, VS Code, Visual Studio, IntelliJ, Eclipse, PyCharm