

Mohammad Ali

Software Engineer

Victoria BC, Canada | mohammadali_10@hotmail.com | 250-891-3698 | www.linkedin.com/in/mm00/ | [Portfolio](#)

WORK EXPERIENCE

Full Stack Web Developer (Contract)

Oneness Edu (Non-profit) | Remote | Jan 2024 - Present

- Driving the development of a dynamic full stack job portal tailored to job seekers. Leveraging Next.js, MongoDB Atlas, AWS, and other technologies to architect a robust platform and seamless user interaction.
- Crafted the organization's website, integrating Webflow, Memberstack and Circle.io to enable user membership sign-ups and access to specific features. Client satisfaction led to rehiring for subsequent projects. (<https://www.onenessedu.org/>)

Full Stack Developer

Sure Grip Controls | Victoria, BC | May 2022 - Jan 2023

- Improved report production efficiency by 75% - 80% through the design and implementation of five automated reporting processes, eliminating the need for manual report generation.
- Drove a 60% increase in efficiency by implementing an ABC Inventory Analysis tool, streamlining the inventory counting process and providing measurable quantities for future analysis and metrics.
- Increased tracked data for production analysis and metrics by 45% through the development, deployment, and testing of a new scanned-based production line software system, introducing a touch-less process and a comprehensive back-end.
- Developed, maintained, and tested automated processes and tools for the team's continuous improvement initiative using React.js, PHP, MySQL, and Netsuite API.

Quality Assurance Analyst

ACD Systems Inc. | Victoria, BC | Sep 2020 - June 2021

- Contributed towards an average of 76% test coverage for all software products prior to release by conducting unit, integration, regression, API, and automated testing.
- Achieved an average five-hour defect turnaround time by meticulously collaborating with the development team to address software bugs.
- Directed QA team for a new product released through the MS Store, coordinating with developers and stakeholders, resulting in a 95% user satisfaction rating.
- Collaborated seamlessly within the QA and Development team to ensure product readiness for release, fostering a proactive approach to quality assurance.

PROJECTS

Gym Web Application

In the process of developing a dynamic web application tailored for fitness enthusiasts. Empowering users to seamlessly register, monitor workouts and progress, and engage with an AI-driven feature for personalized workout plans.

Next.js | Tailwind CSS | Django REST | MongoDB | Redis | [GitHub Repo](#)

Personal Portfolio

Developed a user-friendly and responsive website to showcase accomplishments, qualifications, and experiences. Ensured proper access for desktop, tablet, and mobile users is provided.

Next.js | Tailwind CSS | MaterialUI | Nodemailer | Vercel | Various React Libraries | [Website](#)

NBA Hall of Fame Predictor

Implemented a successful machine learning algorithm predicting NBA Hall of Fame inductees. Merged and cleaned multiple datasets to extract the most valuable data for accurate predictions.

Python | Dataframes | Pandas | Numpy | [GitHub Repo](#)

SKILLS

Front-end Development	React.js Next.js JavaScript HTML/CSS Tailwind CSS UI Design Material UI Figma
Back-end Development	Express.js Node.js Typescript Python Django PHP C REST APIs
Database Management	MySQL PostgreSQL MongoDB Prisma ORM Redis
Software Testing	Selenium Testing API Testing Black Box Testing White Box Testing
Project Management	GitHub GitLab Jira Agile Scrum Microsoft Office

EDUCATION

University of Victoria
Bachelor of Software Engineering

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