

# Mohammad El Prince

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

## SOFTWARE ENGINEER

Full Stack Software Engineer with experience in JavaScript and Python based programming. With a background in mechanical engineering and operations, I have a can-do attitude and bring strong skills in problem-solving, communication and collaboration. As a lifelong learner, I continuously work on growing my technical knowledge. I enjoy tackling challenges head-on and crafting creative solutions to real-world problems. My belief in the power of teamwork guides me in achieving exceptional results.

## TECHNICAL SKILLS

HTML, CSS, JavaScript, Python, React.js, Next.js, FastAPI, Scss, SQL, VSCode, Git

## TECHNICAL PROJECTS

### WriteWell - [GitHub](#) | [Demo](#) | [Live](#)

*WriteWell is a full-stack app that enables bloggers to share, edit, and delete blogs.*

- Built with Next.js for the front end and styled with scss.
- Employed Next.js routing ability to construct endpoints for API requests.
- Utilized MySQL as the database, which is deployed on AWS RDS.
- Deployed images to AWS S3 and linked them to the database.

### Portfolio - [GitHub](#) | [Demo](#) | [Live](#)

*A digital showcase of my professional journey, highlighting my skills and projects.*

- Employed HTML, CSS, and JavaScript showcasing my abilities to learn and in front-end web development and design.
- Incorporated interactive elements and animation using JS and CSS
- Maintained DRY coding following best practices in all the project files

### GPT-3 Intro - [GitHub](#) | [Demo](#) | [Live](#)

*A landing page created to describe GPT-3 technology that provides a brief introduction about this modern AI technology.*

- Built with ReactJS and CSS styling showcasing an appealing user experience.
- Utilized BEM (Block Element Modifier) technique to relate JSX elements to styling.
- Deployed JSON server as the backend server.

### Budget Tracker CLI - [GitHub](#) | [Demo](#)

*A command-line application designed to help you manage your finances and track your expenses easily.*

- Employed python scripts and functions and maintained DRY coding
- Utilized SQLAlchemy for database management.
- Implemented the rich library for a user-friendly CL interface.

## RECENT PROFESSIONAL EXPERIENCE

**Amazon**, Hamilton/St. Thomas/London/Mississauga, ON 05/2021 - Present

Lead Fulfillment Associate/Field Quality Assurance

- Manage 50+ Associates across Amazon Robotics (AR) floor and inventory workstations.
- Monitor the health of four Amazon Robotics floors for optimal productivity and safe operation.
- Train Level1 Leads and provide coverage for other managers.

**University of Guelph**, Guelph, ON 01/2019 - 05/2021

Teaching/Research Assistant

- Lectured large groups of students (75 – 150 students) on fundamental engineering courses and proctored exams.
- Conducted experimental and theoretical research in the areas of gas wells and safety of nuclear power plants.

## EDUCATION

**Flatiron School** 02/2023 - 10/2023

Full Stack Web Development, Python and JavaScript online program

**University of Guelph**, Guelph, ON 01/2019 – 02/2021

Master of Engineering — Mechanical Engineering (course-based)

**King Fahd University of Petroleum and Minerals**, Dhahran, KSA

Master of Science — Mechanical Engineering (Thesis-based)

09/2016 – 12/2018

Bachelor of Science — Mechanical Engineering (course-based)

01/2012 – 05/2016