# KHALED AL-AMOODI
## Front-End Software Engineer

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Technical and creative **front-end software engineer** skilled in **full stack web development**. Can quickly learn and apply **cutting-edge technologies**, **UX principles** and **APIs** to craft rich user experiences. **Skills include:**

- Full Stack Web Dev.
- JavaScript
- HTML and CSS/SCSS
- React.js
- Gatsby.js
- Node.js
- Express.js
- UI/UX Design
- Bootstrap
- REST APIs
- Git/GitHub
- NoSQL (MongoDB)
- Figma/Adobe XD
- Prioritization
- Written/Verbal Communication

## EXPERIENCE

### APPLICATION DEVELOPER | INTERNSHIP
eWORX TECHNOLOGY | EDMONTON, CANADA
FEB 2021 – APR 2021

Recruited as part of a new team of three software engineers to research, design, and build a multi-platform eCommerce integrator web application. Work included familiarizing with several APIs and designing/building the **front end**.

**Key Contributions:**

- Collaborated with other developers to design **over 20** intuitive and visually consistent wireframes using **Figma**.
- Developed a major page and **5** components (one used on **4 of 5 pages)** using **React.js**, **CSS** and **Bootstrap**.
- Streamlined future **back end** development using a matrix to easily compare fields in different eCommerce APIs.

### FULL-STACK SOFTWARE DEVELOPER | PERSONAL PROJECT
SWFTLI.ME | EDMONTON, CANADA
DEC 2020 – APR 2021

swftli.me is a social media reference landing page (of which LinkTree and Carrd.co are examples). You can personalize your page, set your social media accounts, and create cards to redirect to your links.

**Key Contributions:**

- Designed the application, keeping in mind **UI and UX principles** for a seamless experience, using **Adobe XD**.
- Developed the **front end**, including routing using **React.js** and the **back end API** using **Node.js** & **Express.js**.
- Implemented authentication using Passport.js, database using **MongoDB**, and image storage using Cloudinary.
- Incorporated a Tensorflow.js machine learning model to filter user-uploaded images.

## EDUCATION

### PhD IN COMPUTER ENGINEERING | GPA: 4.0/4.0
UNIVERSITY OF ALBERTA | EDMONTON, CANADA
JUL 2014 – JUN 2021

Thesis: SIW System and mmWave IC as Approaches for Beamsteering in 5G Mobile Devices
**Key Contributions:**

- Prepared and published **3** peer-reviewed papers (with **9 citations**) and presented at a conference.
- Reduced prototype testing time by **> 8 hours** by automation through **software** interfacing with equipment.
- Mentored **2** junior researchers, including teaching how to use equipment and how to use/access tools.
- Updated a Technology Strategy Engineer and a Director of TELUS Comm., the industry partner, on progress.

### MSc IN COMPUTER ENGINEERING | GPA: 3.9/4.0
UNIVERSITY OF ALBERTA | EDMONTON, CANADA
JUL 2013 – JUN 2014

### BSc IN ELECTRICAL ENGINEERING (NANOENGINEERING) | GPA: 3.9/4.0
UNIVERSITY OF ALBERTA | EDMONTON, CANADA
SEP 2009 – JUN 2013

## ACCOMPLISHMENTS

- Selected as one of **50 from 500 applicants** for a Government-funded professional development program.
- Received **13 scholarships** throughout post-secondary education based on academic and research criteria.
- Coordinated, alongside 2 organizers, with **2 speakers** an **8-week** Toastmasters program for **13 youth leaders**.