PROFESSIONAL OVERVIEW

I am a highly skilled, design-oriented full-stack JavaScript Developer with extensive experience designing, developing and project managing complex modern JavaScript applications from concept to inception. Consistent and reliable with strong technical knowledge and a passion for learning and adapting to new technology, I use my full range of communication, leadership and technical skills to deliver bespoke multi-faceted projects within deadline both when working alone and as part of a larger team.

SKILLS

**Modern JavaScript**

React • Redux • Node.js • ES6 • Gatsby • Mocha/Chai • Electron • Webpack • Gulp • Lint • jQuery • AngularJS

**HTML + CSS**

Styled-components • CSS Modules • Bootstrap • Sass • Pug • Jade • Responsive & Mobile  
First Design • Handlebars • CSS Grid (Pure CSS)

**Backend**

Software Architecture • Node.js • MySQL / MariaDB • Elasticsearch • Logstash • Redis • Python • Vagrant • Ansible • AWS • Continuous Integration (Jenkins • Gitlab CI • Git • SVN) • IPTables Security  
• Strong TCP/IP and Networking Knowledge

**UI / UX Design**Adobe XD • Figma • InVision

**Integrations and APIs**

Solutions Architect (Project analysis, task breakdown, documentation, wireframes, time  
estimates) • Agile & Scrum

ADDITIONAL SKILLS AND INTERESTS

* Expert knowledge at building large scalable Single Page Applications with Typescript, Node.js, React, Redux, ES6, Webpack
* Experience building responsive front-ends with Angular, AngularJS, HTML, CSS, SCSS/SASS, CSS Modules, GatsbyJS, jQuery
* Expert knowledge in building robust domain-driven backend APIs with Node.js, Express, Redis, Sequelize, MySQL, Mocha / Chai, MongoDB and AWS
* Strong Linux networking and information security background
* Experience with other back-end technologies such as Java, ElasticSearch, Django and Ruby
* Proficient with design tools like Adobe XD, Figma, Invision
* Proficient with Linux, Vagrant, Ansible, VirtualBox, Docker
* Working knowledge of other JavaScript build tools such as Gulp, Grunt and Bower

WORK EXPERIENCE

**Sept 2018 – Present**

**Aquent | Dev6 – Consultant**

Consultant for several client projects in both a team and individual setting with a focus on front-end application architecture.

* **Marine Magnetics:** Angular development on the mobile-enabled web component of a client application to enable surveyors to observe the underwater landscape and uncover hidden underwater artifacts. Built with Angular 6, Web sockets and SCSS.
* **Talkify:** Cloud business-phone and calling platform. Built a drag and drop call-flow visualization with D3, which enables consumers to create their own complex call flows for their small businesses. Built with Angular 7, D3 and SCSS.

**Technologies Used**: Angular, D3, Typescript, SASS/SCSS, Vue.js, Web sockets

**June 2016 – May 2018**

**Freelance Web Developer**Freelance solutions with a focus on full-stack web development using modern JavaScript  
technologies. Working for clients in Canada.

* **Lynch Fluids:** Solutions Architect and Lead Developer on business intelligence software that enables operators to determine the profitability of materials. Built with React.js, PHP  
  and Slim Framework.
* **Health Espresso:** Solutions Architect for Health Espresso, a hybrid mobile application that enables the elderly to remember to take their medication. Enhanced the MVP in a separate contract by designing and implementing a drug-to-drug interaction microservice with NodeJS.
* A number of CMS-enabled porfolio websites for visual artists, makeup artists and  
  designers created from wireframes using Adobe XD and then built on GatsbyJS.

**Technologies Used**: ES6, React.js, Redux, Node.js, GatsbyJS, MySQL, Adobe XD, PHP, Slim Framework,  
Bootstrap, JSON, jQuery, AJAX, HTML5, SASS & CSS3, AWS, Apache, Git, Vagrant

**January 2016 – Present**

**Univjobs - Lead Developer**UnivJobs is SAAS enabling post-secondary students and recent graduates to connect with forward thinking employers through part-time work, internships, and entry-level jobs. I am currently working for Univjobs to improve the front-end UI/UX and deploy new features for their growing user base.

**Notable Projects**

**univjobs.com** - I built a fast, secure, SEO friendly, scalable and easy to maintain platform from wireframes that includes a user-friendly CMS with associated modules that included user management, media uploads and blogging. Built using React, jQuery, GatsbyJS, GraphQL.

**app.univjobs.com** - Separated the application from the CMS-enabled website. I developed a secure marketplace app which included a job board, ATS, message center, and enables employers to filter through students from over 60 post-secondary schools by skills, school and program. The implementation also included Facebook login, authentication with Redis and super-fast searching with Elasticsearch and MySQL FTS.

**Technologies Used:** ES6, React.js, Redux, Node.js, Express.js, GatsbyJS, GraphQL, MariaDB, Adobe XD,  
CSS Modules, Core CSS, Elasticsearch, AWS, Gitlab CI, Vagrant, Redis

**May 2016 – August 2016**

**JavaScript Developer**

**Pinnaca Toronto, ON**

* Redesigned and developed outdated internal tools using AngularJS and Java.
* Worked in a team of two to create a file-diff application showing differences between CSV files using Angular and Talend for a Pinnaca client.
* Created an AngularJS authentication library for SSO-integrated apps.

**Notable Project**

**ng-keycloak** - Designed and developed an AngularJS authentication library for use with  
Keycloak, an open-source identity and access management solution, to integrate all of our in-house sites and internal tools with.

**Technologies Used:** React.js, Angular.js, Bootstrap, Node.js, Python, Salesforce

PREVIOUS EXPERIENCES

* Winter Intern at IBM Cognos BI resolving client service requests, 12 weeks in 2015.
* Worked on enhancing Jomar’s proprietary ERP system as a Java/SQL Developer, 12 weeks.

EDUCATION

2018 B.Sc. in Computer Science, Brock University  
2017 Dip. In Internet Communications Technology, Sheridan College

OTHER PROJECTS

[**Glitchie**](https://khalilstemmler.com/work/glitchie/)**:** Create your own glitch art (Java app, working on an web app version with React)

[**Personal Music Player**](https://khalilstemmler.com/work/personal-music-player/)**:** Online music player to listen to your own music (React, MongoDB, GatsbyJS).  
[**Asterisk PBX Notifications**](https://khalilstemmler.com/work/asterisk)**:** Hacking Asterisk PBX’s AMI to send me notifications on missed calls.

[**AWS SES Microservice**](https://khalilstemmler.com/work/mailer/)**:** Microservice for sending mail with AWS SES (NodeJS, Express, Mocha / Chai, Supertest).

For more, see my [portfolio](https://khalilstemmler.com/work) or ask for code samples.

[khalistemmler.com](https://khalilstemmler.com)

[github.com/stemmlerjs](https://github.com/stemmlerjs) [linkedin/in/khalilstemmler](https://www.linkedin.com/in/khalilstemmler/)

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