

Khalil Stemmler

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SUMMARY

Software Developer offering advanced knowledge of JavaScript and NodeJS, as well as extensive experience with AWS, TCP/IP networking and modern front-end JavaScript frameworks.

EDUCATION

BROCK UNIVERSITY

BSc IN COMPUTER SCIENCE AND NETWORK ENGINEERING

Jan 2018 | St. Catharines, ON

Entrance Scholarship

Dean's List (All Semesters)

SHERIDAN COLLEGE

DIP IN INTERNET COMM. TECHNOLOGY

Jan 2018 | Oakville, ON

LINKS

Github:// @stemmlerjs

LinkedIn:// khalilstemmler

Blog/Portfolio:// khalilstemmler.com

SKILLS

PROGRAMMING

Languages:

JavaScript / Node.js • Java • Python
 HTML / CSS • SQL / NoSQL (Firebase, MongoDB)

Other

RESTful API Design • React / Redux

• AngularJS • Socket Programming
 • AWS • Git

NETWORKING

Competencies

Deep understanding of TCP/IP

• Linux Networking & Security • Cisco IOS • Juniper IOS • MPLS VPNs (L2, L3) • Nginx, SSL and Load Balancing
 • OSPF, IS-IS, BGP, EIGRP, VoIP, Asterisk PBX • VirtualBox, VMWare, GNS3

EXPERIENCE

DCOMMONS LAB | CTO

Jun 2016 - Current | Oakville, ON

- Designed all aspects of the Univjobs platform's technology stack from back-to-front including Caching, Authentication, Network Architecture and Database Security, Front-end Architecture and API design.
- Manages time efficiently and communicates with clients to find the most effective way to push the product forward.

PINNACA | SOFTWARE DEVELOPER

May 2016 - Aug 2016 | Toronto, ON

- Designed and implemented numerous AngularJS applications with respect to user personas.
- Researched and implemented a Linux-based SSO architecture over top of an existing Java RESTful ESB for various AngularJS client applications.
- Created a JavaScript authentication library to seamlessly integrate future client applications into the existing SSO auth flow.

JOMAR SOFTCORP INTERNATIONAL | JAVA SOFTWARE DEVELOPER

Sept 2015 - Dec 2015 | Cambridge, ON

- Experience with the SDLC through rapidly designing, programing, testing and documenting new user requirements for client software solutions implemented in a Java Applet environment.
- Built custom dashboards and implemented an XML/XSL driven PDF letter generator with Java and SQL.

IBM CANADA | IBM COGNOS TECHNICAL ANALYST

Jan 2015 - Apr 2015 | Ottawa, ON

- Troubleshoot tier 2 issues with the IBM Cognos Business Intelligence software with differentiating customer configurations and distributed environments.
- Personified and upheld the reputation of IBM with a 90% total customer satisfaction rating by providing exceptional customer service and utilizing technical expertise.
- Troubleshoot and gave recommendations on components related to Report Design, SQL, Database Connectivity, Metadata Management and Server Tuning.

PROJECTS

UNIVJOBS

Recruiting platform to streamline the hiring process and foster relationships between graduates and nearby businesses.

React-Redux + NodeJS + Express + Redis + MySQL + AWS

AWS REALTIME NETWORK MONITORING APP

4th year Applied Security Project to monitor metrics on AWS network elements in real time through an Ionic mobile app.

Node.js + AngularJS + AWS Cloudwatch + Bash

AWARDS

2016	Juniper Award	4th year ICT student with exceptional academics
2016	Telus Award	4th year BSc CNET student with highest average