**Rapid learner with the ability to lead, manage, and collaborate. Diverse range of skills in Linux, Windows, and derivatives from bare metal to the cloud to include embedded, mobile, desktop, and server level work.**

**Related Experience:**

**ViaSat**  Germantown, Maryland

**Software Engineer** March 2015-Present

* DevOps with various continuous integration tools to develop, build, package, deploy and manage products and systems to include Ansible, Jenkins and BASH.
* Implement real-time, high-volume transaction processing systems and web services.
* Implement ETL applications to support data science initiatives.
* Setup and deploy virtualized containers.
* Write design documents, release and build notes.
* Experienced in React JS, experienced in working with Redux architecture and worked with React Router for developing Single Page Applications SPAs.
* Highly used Angular router to build single page application for navigate through the different status and multiple modals.
* Worked extensively on developing controllers, Interfaces and implementation classes using Spring Boot framework and Hibernate.
* Creating fully automated CI build and deployment infrastructure and processes for multiple projects
* Setup Jasmine and Karma for UNIT and Functional Testing of JavaScript with mocking frameworks and spys.
* Stack: Java, Spring Boot, GRPC, Python, Angular, Redis, React, Scala, Spark, Kafka, Docker, MySQL, MongoDB, RHEL, ElasticSearch

**Qnexis** Reston, Virginia

**Android Developer/Full Stack Developer** June 2012-Feburary 2015

* Develop a mobile chat application on Android for communities forum.
* Managed tasks within Agile framework, cleared Sprinted tasks, and controlled JIRA workflows.
* Used webpack, babel and gulp for transpilation (compilation) configuration for typescript to be converted to JavaScript.
* Worked with Angular to develop single page applications, worked with ngrx/store for managing Angular applications and http interceptors configurations for security.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js.
* Worked with Express.js for development of RESTful web services and middleware configurations. Build API services for emergency app with NodeJS, Express, Socket.io and PostgreSQL.
* Stack: NodeJS, Angular, JSP, MongoDB, PostgreSQL, Typescript, Ubuntu, Android, AngularJS

**Carahsoft**  Reston, Virginia

**Software Developer** June 2011-May 2012

* Build C# applications for event management software.
* Develop and maintain a WPF CRM Application for sales and marketing internal use.
* Modify existing code to improve performance and eliminate bugs.
* Build and integrate a RESTful API.
* Design and build new features and object-oriented C# application.
* Development and maintenance of existing PHP-based systems.
* Developing using ASP.Net MVC for custom software applications.
* Help design and maintain well-organized SQL Server databases.
* Stack: ASP.NET MVC/Web API, C#, JavaScript, SQL Server, WPF, Windows Server, IIS

**Education:**

University of Maryland, College Park

**Bachelors of Science, Computer Science, Minor Cyber Security**

**GPA: 3.3**

**January 2009-May 2011**

Community College of Baltimore County

**Computer Science**

**January 2006**-**December 2008**

**Activities:**

* Vice President of the Organization of Arab Students at the University of Maryland, College Park.
* Participated in Bitcamp Hackathon. Spring of 2010. University of Maryland, College Park.

**Technology Summary:**

* ***Programming/Languages:*** Java; C; C++; PHP; HTML; Python; CSS; JavaScript; C#; Swift; GoLang;
* ***Cloud:*** Aws EC2, Elasticcache, Cloud Formation, RDS, S3, Elasticsearch Service.
* ***Data Analytics:*** Apache Spark; R; Python Numpy and Pandas.
* ***Machine/Deep Learning:*** Tensorflow; Keras; scikit-learn; Apache Spark ML, OpenCV.
* ***Databases:*** MySQL, SQL Server, MongoDB, PostgreSQL, Redis, Elasticsearch, Neo4j, RethinkDB.
* **DevOps**: Docker, Kubernates, Jenkins, Ansible, Terraform.
* ***Frameworks:*** Angular, React, Spring Boot, ASP.NET Core, GRPC, AKKA, GraphQL.
* ***Operating Systems:*** Windows Server 2008,Linux, Mac OS X.
* ***Version Control Systems:*** Git, SVN, Team Foundation, Perforce.

**Volunteer Work:**

* International Rescue Committee, June 2011-December 2011

**Certifications:**

* Deep Learning Nano Degree - Udacity
* Self-Driving Cars Nano Degree – Udacity
* Machine Learning – Coursera
* Big Data - Coursera
* MCSE - Microsoft
* CCNA - Cisco
* Medical Terminology Training

**Languages**: English, Arabic.