Resumes

Sarwar hasan

Sr. Software Engineer

Summary of Qualification

Sarwar Hassan has in-depth experience in Software Engineering with a strong track record of delivering on important projects.

Education

* B.Sc, Electrical Engineering and Computer Science, Massachusetts Institute of Technology (M.I.T.), Cambridge, MA, June 2010

Relevant Experience

**Technuf, LLC,** **2015 - Present**

***Sr. Software Engineer***

* Work on set-up and configuration of FireEye's endpoint and network security products that provide real-time data and intrusion detection as part of a cyber security project.
* Design and maintain security for web application, web server and database for the National Association of Broadcasters (NAB) on AWS.
* Set-up, integrate and maintain a public key infrastructure (PKI) to allow automatic authentication of endpoints to web servers on AWS.
* Audited the security posture of Yoga Alliance as part of a team, implementing Single Sign-on for its customers to improve data security.
* Create cybersecurity awareness through phishing campaigns and training materials for its employees.
* Work as part of a team to design, implement and deploy identity and access management (IdAM) in Florida's Department of Economic Opportunities (DEO) using Microsoft Identity Manager (MIM).
* Worked with Symantec Client Management Suite to automate deployment, patching, application of security policies and licensing of computers in the company's network.
* Lead the Android team working on security, surveillance, tracking, communication and utility-based products.
* Drive the design and architecture of application's backend (webservice, database) and front-end (Android/iOS).
* Work on personnel-identifying apps using biometrics and optical detection methods like OCR and barcode.
* Work on Cisco's Android application "Cisco Instant Connect" (CIC).
* Create and modify/maintain SDK for CIC to allow 3rd party integration
* Integrate and administer industry standard video IP cameras and Cisco's Video Surveillance Manager (VSM) to utility products to bring utility, communication and surveillance together.
* Create location enabled apps to allow personnel tracking to enhance utility-based apps.
* Use SIP based communication in several apps to facilitate communication among endpoints.
* Adapted interface for modern internet applications using the latest front-end technologies.
* Developed application codes and unit tests in AngularJS, Java Technologies, and Rest Web Services.
* Conducted performance tests.
* Ensured high performance of applications and providing support

**Bengal High Tech 2011-2015**

***Solutions Software Engineer***

* Lead the Android team developing Android client for Cisco IPICS.
* Worked with integration of Cisco IPICS Android client into Technuf's Aphelia client.
* Implemented SDK to encapsulate functionality of Cisco IPICS Android app to allow IPICS integration into other products.
* Worked with open source VoIP libraries.
* Lead the quality assurance(QA) team in testing products like Cisco IPICS server and its console.
* Used industry leading testing tools like IBM Rational Functional Tester(RFT), Test Complete, etc.

**Cisco Systems Inc 2011**

***Software Engineer***

* Worked on the server team of the IP Interoperability and Collaboration Service (IPICS) group.
* Coded in Java to test the IPICS dispatch console's behavior with the server.
* Ensured quality of the product over the continuous integration cycles of the product.

Skills

* Python, C#, JavaScript and Java
* Android, .NET platform, NodeJS, and AngularJS
* Postgres, SQL Server
* Tableau, FireEye (HX series training)
* Digicert (PKI), LetsEncrypt
* PingIdentity, Auth0
* AWS administration and management of assets