**Imran Omair**

8324 Little River Turnpike

Annandale, Virginia 22003

703-509-2066

[imran@casemicro.com](mailto:imran@casemicro.com)

[www.casemicro.com](http://www.casemicro.com)

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**Profile:** Over the years I have worked as a Systems Analyst, System Architect, DBA, Senior Consultant, Team Lead, Project Manager and Solution Architect. My Expertise is in Architecting complex IT systems and Integrating business processes. I love to design n-tier solution on cloud or on local premise or hybrid using AWS infrastructure. I am a Data science, Machine learning enthusiasts and have done a lot of works on Infosec, Packet capturing, analyzing, scrubbing, categorizing applying RPA into machine learning, get threats alerts in near Realtime.

***- Technical Competencies -***

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| * AWS: Gov Cloud, Solution Architect, VPN, S3, CloudFront, IAM, CloudWatch, API gateway, CLI, Route 53, ELB, building scalable solutions. Cloud Migration, DISA Stig, * Data Base: Oracle 11g, SQL server 2012, AWS: RDS, Redshift, DynamoDB, MySQL, Toad, Datapoint, Crystal Report, Tableau, Tableau server admin. * AI/ML: TensorFlow, Pandas, Linear Regressions, Naïve Bayes | * Scripting: VBA,Shell,java , Perl, WSC * Programming: C#, Razor, JQuery, JS, Angular, React, .Net, REST API, Webservices, Python, * Visual Cron, UIPath, Windows Tech stack: IIS, Siteminder Web agent, AD, .Net, MVC, Visual Studio * InfoSec: Created platform on AWS form Data Science and Machine Learning, Anaconda, jupyter notebooks |

**Professional Experience:**

**CaseMicro Systems, L.L.C. (CMS), President/Founder, 2/2004-present.**

* President and Owner of CaseMicro Systems L.L.C. responsible for leadership and innovation in IT solutions. Manages all aspects of CaseMicro daily operations such as: Program Management, Human Resources, IT Security & Governance, Personnel, Client Negotiations, Contract Management, Problem Solving, and Executive Oversight. Provides recommendations to clients on improved IT services, systems, applications, and delivery. Analyzes complex Systems Development Lifecycle (SDLC) and conducts requirements analysis in order to provide real-time Next Gen services to clients. Provides technical direction and oversight of all CaseMicro Programs and Staff.
* Current project is award-winning and demonstrates expert level experience in developing, directing, and managing a $2.2M grants programs in systems architecture and improvements for the National Institutes of Health (NIH).

**Bitland, Inc.(prime), National Cancer Institute (NIH), Project Manager, 11/2009-Present.**

*Projects: eGrants: (Grants processing system with a Search Engine and document flow).*

*DocMan: (Contracts processing and document management system for NCI/OA).*

* Responsible for the development and maintenance of systems and technologies within the Enterprise Architecture that supported this $2.2M project and all mission goals. This Application is a key element in disbursing $4 Billion dollars/year for Cancer research from NIH.
* Managed project and task schedules, resource allocation, created Contingency Plan, Configuration management, Security assessment plan, Implemented NIST Security Control Assessment and provided oversight of work performed. Provided briefings and project updates to stakeholders and team.
* Managed, mentored, and coordinated a team of various Developers, Database Administrators (DBA), and System Administrators to provide on-going enhancement, support, and continuous delivery for all related products and features of this project.
* Created RPA workflows for emails/pdf/faxes/Invoices/deliverables that had saved 120 man-hours/day in the grant processing lifecycle. Automated Documents-conversion, extraction, compression, and indexing for a full text search engine and saved 80% of process lifecycle and increased the efficiency of backend servers. Streamlined automated data entry & reporting for various applications which saved over 180 man-hours/day for OGA.
* Developed services (Unix/shell) to automated documents inventory systems-such as: reporting (flag) and document corruption in transit. Finished Application development using .Net, MVC, HTML5/CSS3, Bootstrap, Ajax, jQuery, Angular, React with SQL Server as DB. Created numerous stored procedure and other objects in TSQL, Integrated with Oracle DB using Linked server. Created/managed Jobs for Full text indexing and other data integration. Administered/configured IIS website, ap-pool/worker processes, .Net configuration for large files upload via webserver. Installed/configured Samba share on Unix servers, created numerous shell scripts file processing, Procured and installed SSL for webservice internal authentication and code signing certificate for Java applet for sftp to our file server.

**Nethost Inc.(Prime), Defense Information Systems Agency (DISA), Solution Architect, 11/2017-Present.**

*Project: Expeditionary Signal Battalion (ESB) Mobile application technology stack.*

* Project leader for a 3-person team in developing and implementing systems and business requirements for new applications. Lead requirements analysis and developed project controls.
* Architecting HA, fully escapable, fault tolerant cloud solution. Implementing dynamic scalability. Implementing cloud Security. Creating User Access layers, IAM. Includes creation and maintenance of cloud components such as VPC, S3, IAM, RDS, CloudFront, building servers, isolating public/private subnets etc.
* Creating & monitoring various CloudWatch, securing logs, server logs, VPC logs, Logs monitoring via Artificial Intelligence & Deep learning systems and feeding to rout 53 & ELB to identify any threat in near real time.
* Expertise in building a GovCloud solutions for our customer for Linux Tech Stack, implementing enhanced security, Server Hardening, implementing FIPS & DISA STIG on all associated cloud components & servers.

**Additional Experience:**

* Bitland Inc, Virginia 02/2004-present
* Kaneb Group, Texas 03/2002-02/2004
* Ellsworth Associates, Virginia 02/1999-03/2002
* WorldBank Group, Washington D.C. 04/1998-02/1999
* Anderson Consulting, Toronto 09/1996-04/1998

**Education:**

* **MS Computers,** Magadh University-India.

**Professional Training & Certifications:**

* AWS Solution Architect certification-in progress
* RPA, UIPath certification-in progress
* Data Science and Machine Learning for InfoSec
* Windows Server Administration
* HP-UX System Administration
* .Net & C# Training
* TensorFlow

**Awards:**

* NIH Director Award in 2016

**Technical Skills:**

AWS/GovCloud (3 years), Cloud Computing (3 years), Distributed Systems (3 years), Linux (5 years), Client server(10 years), SQL Developer(10 years), System Administration (5 years), Systems Integration (4 years), Java (2 year), Python (1 years), TensorFlow (1 year), C++ (5 year), Problem Resolution (7 years), Windows Server(10 years), InfoSec (2years), .Net/MVC (5 years), HTML5/CSS3 (7 years), Dream Weaver (5 years), Visual Cron (10 years), C# (3 years), OpenScap/OScap (2 years), Apache(2 years), DISA Stig server hardening(2 years), Anaconda (1 year), Hadoop/R (1 year), raspberry pi (3 years), Shell script( 10 years), Python (2 years), DB design/planning (10 years), DW designing development (5 years), TSQL/PL SQL (10 years)