**Abhinav Jain**(240)802-9766; [Ajlive1@live.com](mailto:Ajlive1@live.com) <https://www.linkedin.com/in/abhinav-jain-66b23850/>

**EDUCATION**

* M.S., Telecommunication Engineering, University of Maryland CGPA - 3.5 2017
* B.E., Electronics and Communication, Oriental Institute of Science & Technology CGPA – 3.3 2012

**BUSINESS EXPERIENCE**

**CENTER FOR ADVANCED LIFE CYCLE ENGINEERING (Research Associate)** Sept 2015 –present

Responsible for collecting, organizing and analyzing data, presenting findings and writing reports

**COGNIZANT TECHNOLOGY SOLUTIONS** July 2012 – July 2015 **(IT Programmer Analyst – Business Intelligence & Quality Assurance)**  
**Data Migration Testing for Duck-Creek application**

* Responsible for end-to-end testing of Business Intelligence data for client reports.
* Involved in interacting with the business users for requirement gathering, to create functional specs.

**Data Quality Management**

* Analyzed large datasets ranging from 80-100GB migration by using MS **Excel Macros** reducing the testing effort by 70%.
* Managed defect life cycle using **HP Quality Center**.

**Data Testing Strategy**

* Developed complex SQL scripts in management studios **Embarcadero, SQL server 2008 R2** to query **IBM DB2 & Microsoft SQL server** to test data for comprehensive insurance software.

**ACADEMIC PROJECTS  
Real time implementation of Client-Server Reliable file transfer & Cryptographic Authentication using UDP**

Designed a distributed network application in **Eclipse** using **Java’s UDP sockets**.

**Simulating downlink behavior of a 3-sectored base-station in a Python application**

Addressed issues due to channel unavailability, signal strength, fading & shadowing on calls attempted. **IP Domain & Dossier System application using C**

Designed a Client and Server communication model on TCP/IP with server using text file fostering domain & IP

Implemented a binary search tree to improve performance and produce log files to record events

**TECHNICAL SKILLS**

Data Analysis Tools: Embarcadero, Microsoft SQL Server, MS Excel (Pivot Tables), SOLVER platform

Operating Systems: Junos OS, UNIX, Windows

Software: PuTTY, Matlab, Eclipse, Wireshark

Databases: Microsoft SQL Server 2008 R2, IBM DB2

Productivity tools: HP Quality Center, MS Word, MS Outlook, MS Power Point, MS Project, MS Access

Area of Expertise: Configuring & Troubleshooting Juniper Routers (SRX240 series) using CLI, OSI layer,

**Networking Protocols** – TCP/IP, OSPF, RIP, BGP, UDP, HTTPS, ETL, SQL, SDLC, Functional

Tech specs, Business Process Improvement, Regression testing, creating Test cases, Test scenarios, Test Plans, Test Strategies, Linear Programming.

**CERTIFICATIONS**

**Juniper Networks Certified Internet Associate**

**Cognizant Certified Professional in Datawarehousing concepts**

**ORGANIZATIONS**

**Microsoft Student Partner, Institution of Engineers**