**Mukul Badhan**

Reno, NV

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EDUCATION

**University of Nevada, Reno** | Reno, NV

Graduating January 2023

Master of Science in Computer Science

4.0 GPA

**Punjab University, Chandigarh College of Engineering and Technology** | Chandigarh, India

August 2011 – June 2015

Bachelor of Engineering in Computer Science

Score: 78.9%

ACADEMIC PROJECT

Image Detection and image recognition using Principal component analysis and dimensionality reduction. Machine learning projects on Decision tree, KNN , neural network. Cloud computing AWS and Docker project

CERTIFICATIONS

AWS Certified Data Analytics – Specialty

PROFESSIONAL EXPERIENCE

**Treasury, Saturn Application (Deutsche Bank), Infosys** | Pune, India

January 2018 – December 2020

*Technical Analyst*

* Implemented common derivation logic processing and vector management to calculate various business metrics to be used in tableau reports
* Implemented and managed code based on various concept like pipeline(rocket) functionality, orchestration, elastic search, outbound gateway, and endpoint configurations
* Developed and scheduled baselines and snapshotting logic to migrate the data from oracle to Hadoop through Apache camel framework, along with housekeeping job build in Scala

**FinCrime (Barclays), Infosys** | Pune, India

May 2016 – December 2017

*Senior System Engineer*

* Built programing logic in Scala (scalding framework) for requirement such as schema validation, preprocessing, parsing, segregating duplicate record with reference to original record etc.
* Wrote Unix scripts with embedded hive queries for requirements like file validation, reconciliation
* Worked on deployment and version control tools such as GIT repository, Team city, and service first web service.

 INTERNSHIPS

* **Code Brew Labs, Chandigarh (January-June 2015)** in Android.
* **Web Astral Info-tech, Industrial Area, Mohali (June-July 2014)** in PHP.
* **S.P.I.C, Chandigarh (June-July 2013)** in JAVA.

TECHNICAL SKILLS

**Big Data Ecosystem and ETL tools–** Hadoop, Hive, Spark/Scala, Unix, Elastic search, Apache camel, ActiveMQ, Informatica, Pentaho, Cognos.

**Programing Languages–** Core Java, Scala, C/C++, Python.

**Database –** Oracle, MySQL.