

# Krishna Rao

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## EDUCATION

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**University of Texas at Arlington** | MS in Computer Science

Spring 2021

**Coursework:** Adv. Software Engineering, Design and Analysis of Algorithms, Data Mining, Web Data Management, Distributed Systems, Software Engineering 1, Database Systems, Data Mining, Adv. Database.

## SKILLS

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**Programming:** C#, Android, Java, Python, C, C++, MySQL, PHP.

**Services:** Firebase, SQLite.

**Tools:** Android Studio, IntelliJ, Eclipse, Draw.io, Git, Jupyter, MS Excel, MS Word.

**Cloud Services:** Google Cloud Platform, AWS – EC2, RDS.

## WORK EXPERIENCE

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**Atyati Technologies Pvt. Ltd.** | Bangalore, India | Software Developer

Dec 2017 - Jul 2019

- **Project 1: Application for Last Mile Banking** | ASP.NET, Microsoft SQL Server, C#, SSRS, Stored Procedures  
Developed application for last mile banking which helps people in villages and far-by places to do their financial transactions by booking a time they would be available.
- **Project 2: Back End Development for an Android Applications for a Bank** | Microsoft SQL Server, C#, Stored Procedures  
Back end development for an android application for Shivalik Bank was done to handle many transactions like Balance Inquiry, Fund Transfer, RD, FD etc. Encryption algorithms like AES-128 and SHA-256 were used.

## ACADEMIC PROJECTS

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- **Multi-Threaded Client Server Application** | Java, Socket Programming  
Developed software for PC to implement a Multi-Threaded Client Server Architecture system using Java JVM and perform operations like Create, Delete, Rename, Replace and listing of directories. Additional operations like saving a copy of created directories in a local system and updating them accordingly is also done along with a button to Undo the operations done on directories.
- **Hotel Management System** | Java, Android  
An Android Application developed to use in any Hotel to Aid in Hotel Management. Operations ranges in Creating of profiles for guests, checking them in, Payment for booked room and much more.
- **Serve-Me System** | Java, Android  
A Customer-obsessive Android Application developed to manage, and track orders placed according to priority and time. Work Orders will then be sent to nearest vendors with an asking price and availability.
- **K-mean Clustering** | Java, MapReduce, Apache Spark, Apache Pig, Apache Hive  
Developed Map-reduce programs and programs on Graph Processing using Apache Pig, Apache Hive, Apache Spark. It uses Hadoop that evaluates one step of K-means Clustering.

## ACHIEVEMENTS

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- **Back End Development for an Android Applications** performs transactions worth 2 million dollars each month approximately.
- Received **Best Employee** of the month **multiple** times while working in atyati Technologies, Bangalore.