NIKHILKUMAR KEKAN [email](), [profile](), [linkedin](), [github](), [youtube]()	710 Santa Rosa street Sunnyvale California 94085 +16822306303

TECHNICAL SKILLS

Programming Languages: Python, Java, C

Databases: SQL Databases

Version Control: Git, Perforce.

Other Skills: Algorithms, Artificial Intelligence, Rule Engines, drools, Data Structures, matplotlib, pandas, AGILE methodologies, Spring Boot, Spring Integration, Unix Shell Scripting, Web Services, Unix, X-Query, X-path, Docker, Blockchain.

EDUCATION

University of Texas at Arlington   **May 2019**

Master of Science in Computer Science

University of Pune   **May 2014**

Bachelor of Engineering in Computer Engineering

EMPLOYMENT

Summer Technology Analyst   **Barclays Capital**   **June 2018-August2018**

- Worked on post trade settlement systems used spring integration, spring boot, rules engines (drools, Apache camel). Created a POC for finding settlement instruction for trade settlements. Conducted company-wide python introduction sessions. Sessions included various aspects of python for banking.

Software Developer   **Amdocs**   **December2015-July2017**

- Worked in OSS division for AT&T, successfully implemented business processes in Active-Vos Designer, worked with X-Path and X-Query, workflow orchestration for AT&T OSS small-cell business, Workflow implementation in Amdocs MEC (Master Enterprise Catalogue)/DOP, AGILE, RESTful webservices.
- Developed unix shell script for gathering different kinds of log files together at single place, this achieved time saving and hassle of looking up for different logs at different places

Application Developer   **iNautix Technologies**   **July2014-December 2015**

- Successfully implemented business logic in java for a Managed Investments platform owned by Pershing LLC.
- Received appreciation for suggesting solutions to business problems, Contributed in quality improvement and optimization of code.

Intern   **Geeks of Pune**   **August2013-June2014**

- Did performance analysis of **Solid State Drive** with the help of flexible i/o for various aspects of read and write operation workloads. Designed UI for statistical view of performance details. Used java swing to create a desktop application that internally calls C language code of Flexible IO tool using remote procedure calls in java.

PROJECTS

AWS Lambda(August 2018 - Present) – Includes open source development of aws lambda to remove dependency on dynamo db for configuration storage.

Cloud Computing (August 2018 - Present)- Includes use of map-reduce implementation on Hadoop framework.

Artificial Intelligence (January 2018 - Present)- Includes various concepts and algorithms implementation mostly in python. https://github.com/nikhil19kekan/Artificial-Intelligence

Grocery Planner (Sept 2017 - Present)- grocery management Android application, involves prioritized prediction of grocery needs, alerts, expenditure statistics, expenditure splitting. Actively involved in every aspect of application development. https://github.com/nikhil19kekan/GroceryPlanner.

Database Projects (Nov 2017 – Dec 2017) - It Involves 2 academic projects on relational database. Project 1 consists of developing SQL queries to retrieve specified data from provided database schema and a java program to load data into database using Excel or CSV files. Project 2 involves database designing for a sample car-rental service. Creating EER diagram, database schema and developing a simple web application for the same.

SSD Performance Analyzer (May 2013 -May 2014) – Developed an application to analyze performance of solid state drives by performing various kind of workloads and presented the analysis in UI.

TUTORING

Informational videos about concepts of computer science fundamentals mostly Algorithms on youtube.

EXTRA-CURRICULMN

Attend ACM and IEEE webinars and daily listener of ACM software engineering radio and other technology podcasts, Research enthusiast.

PUBLICATIONS

Solid State Drive Performance Analysis Using Flexible I/O at IJARCCE, Vol 3, January 2014