KARTEEK GOLE

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EDUCATION

The University of Texas at Arlington
Master of Science in Computer Science

📅 May 2019 📍 Arlington, Texas

University of Pune
Bachelor of Engineering in Information Technology

📅 May 2017 📍 Pune, India

EXPERIENCE

Data Engineer
Capital One Financial Corporation

📅 October 2019 – Present 📍 Plano, Texas

- **Global Integrated Data**: Worked on building, deploying and maintaining a host of different production GID pipelines that produce marketing eligible population for AutoNavigator from the user base of other lines of business. Part of the Growth Marketing experience.
- **AN Northstar**: Northstar is a D3.js internal reporting application hosted on manually rotated AWS EMR clusters used for growth analysis and decision making. Working on improving responsiveness and scalability of the application as well as implementing new reports and features.
- **Nebula**: Nebula, the precursor to Northstar, was a ng-8 SPA Web Application that flushed AutoNavigator's analytical reports to the front-end, essentially bringing multiple published workbooks on CapOne Tableau Servers in one place.

PROJECTS

UTA Appointment Scheduler
○ **kgole/AppointmentScheduler**

📅 August 2017 – December 2017

- Created an Android application for booking, cancelling or modifying appointments with graduate advisers or professors.
- Additional functionalities of Push-Notifications, Calendar Entries, Live Status and an application native Messenger were included.
- Front end written in native android java (Android Studio) and back end in Java J2EE. Hosted the application on an Apache Tomcat Server. Used MySQL for database and JSON for services. Additional APIs for rest of the functionalities.

VaccItRight
○ **kgole/VaccItRight**

📅 January 2018 – April 2018

- Designed and Created a secure website for Vaccination information for Parents of infants and preteens.
- Introduced multiple functionalities like Comparing Symptoms, Generating/Printing Comprehensive Vaccine Information, Full fledged user account management including electronic authentication via Email.
- Deployed the project on Codeigniter MVC splitting Views, Models and Properties.

SKILLS

Programming Languages: Java | Python | JavaScript | HTML5 | CSS3 | SQL

Data Engineering and Analytics: MySQL | Snowflake | Spark | ETL | Reporting

Tools and Frameworks: Angular | Flask | React | Microsoft Office | D3.js | Tableau | Git | CICD: Jenkins | AWS – EC2, S3, EMR, Lambda, SNS

IDEs: Eclipse | IntelliJ | PyCharm | VSCode | Webstorm

Software Engineering Tools: JIRA | Trello | Confluence | GitHub

Areas of Interest: Software Engineering | Data Structures & Algorithms | DBMS | Data Visualization | Client-facing Web Development

ACADEMIC ACTIVITIES

Student Assistant
University Center and Recreation, UTA

📅 May 2018 – May 2019

- Worked as a member of the IT support team overseeing the tech required for campus events.

Volunteer Varsity Sports Official
PVG's COET, University of Pune

📅 August 2016 – May 2017

- Helped organize and officiated inter-college soccer, basketball and cricket tournaments during senior year of undergraduate studies.

INTERESTS

- **Amateur Game Development**: I'm a self-taught video game developer currently working on building my own Unreal/Unity portfolio of 2D/3D video game development projects.
- **Triathlons**: I'm also a 2x Marathoner and an aspiring triathlete, currently training for the Iron Man Texas Triathlon in 2025.