Harshitha K V

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EDUCATION

Master of Science, Computer Science
 University of North Carolina at Charlotte, Charlotte, NC, USA, GPA- 4.0/4.0   **May 2020**
Bachelor of Engineering, Computer Science
Visvesvaraya Technological University, India, Karnataka, Bengaluru GPA- 3.7/4.0   **July 2015**

TECHNICAL SKILLS

- **Languages:** Java, Kotlin, Python, JavaScript, SQL.
- **Mobile Application Development:** Android Studio, Architecture Components, Android (SDK), OkHttp, RetroFit, LiveData, Web API, Picasso, Glide, Google Analytics, Google Play Services, MVC/MVVM, Postman, XML, JSON, Material Design, Gradle, Android JetPack Navigation, SQLite, Room, MongoDB, MySQL, Firebase.
- **Web Development**: Django, HTML, NodeJS, ExpressJS, CSS, PHP
- **Tools:** GIT, Gitlab, Eclipse, Postman, Marcom Manager suite 3.2, Jmeter, Blazemeter (CloudWatch), ServiceNow, Atom, ITM 3.6

PROFESSIONAL EXPERIENCE

University of North Carolina, Charlotte, NC   **Aug 2019– Dec 2019**
Graduate Teaching Assistant
- Teaching Assistant for the course ITSC 6160 / 3160 – Database Systems /Database Design and Implementation
- Responsible for tutoring and mentoring, creating in-class activities and programming assignments for Students.

BrandSystems, Bengaluru, India   **Sept 2016 – April 2018**
Software Engineer
- Created and developed Load Tested scripts using JMETER and BLAZEMETER. Executed in AWS CloudWatch to create simulated peak load conditions by creating thousands of virtual users.
- Performed Manual Testing and Load Testing on BrandSystems Marcom Manager Suite. Performed defects tracking, Stress testing, Regression testing until the closure using Bit-Bucket.
- Analyzed client requirement on functionalities, written, executed test cases manually and prepared Test reports.

IBM, Bengaluru, India   **July 2015 – July 2016**
Technical Services Specialist
- Developed IBM Tivoli Monitoring agents providing monitoring solutions for the clients, for distributed operating systems and applications. Worked on incident problem and change management
- Performed version control for these agents in the form of patches and fixes on all Tivoli Monitoring Component.

PROJECTS

- **Post it- Note Application (Android)**   **January 2020**
  Built an Notes Application using MVVM Architecture using AndroidX Libraries.The application uses Room, SQLite, LiveData to store the notes. All the notes are displayed using StaggeredGridLayoutManager, swipe-delete using RecyclerView item Animation.
- **Destinations (Android Application) -** Mobile Application Development, UNC Charlotte   **December 2019**
  Developed a trip planning application using Google Authentication, Google Firebase, Firestore Cloud Database and Firebase Storage. Application allows users to select their own destinations using Google Places API and Google Autocomplete. Users and Add/ remove members to the trip. Chat with the members of the trip using different CustomRecyclerView. The application is build using Fragments using JetPack Navigation Controller.
- **Movie Database (Android Application) -** Mobile Application Development, UNC Charlotte   **November 2019**
  Developed using Firebase's Cloud Firestore NoSQL database, Movie Database lets you store your favorite movies and retrieve, Update, Delete, Sorting (CRUD Operations) using Firetore. Data passing between Intents, Messages are displayed in Toast, Spinner, Alert-Dialog implemented Some additional functionalities implemented.
- **Profile Builder (Android Application) -**Mobile Application Development, UNC Charlotte   **October 2019**
  Built an Android Application using a single Main Activity and multiple fragments and Fragment-lifecycle. Communication between multiple fragments and activity. User information is saved using Shared-Preferences with GSON library.
- **News Application (Android) -** Mobile Application Development, UNC Charlotte   **August 2019**
  The application retrieves JSON data, by making RESTful API calls, performs JSON parsing, performed string manipulation to dictionary of keywords. Displaying results using Custom Adapter List-View, Recycler-View, WebView. Performs all retrieval tasks in Async tasks, Concurrency and Thread Communication (Async/thread pools), HTTP Connection (GET/POST/interfaces), OkHttp, web API, image loading through Picasso. The users can select source of news and select news to read using different Views.

CERTIFICATIONS

- Cambridge Certification Authority (CCA) Java Level 1   **June 2019**
- Python and Django Full Stack Web Developer Bootcamp, Udemy course.   **Aug 2018**
- Python with Django at Mytectra institute (ISO Certified)   **July 2018**