MAITREYA SAVE

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EDUCATION

North Carolina State University	Cum. GPA: 3.6/4.0	M.S. (Thesis) – Computer Science	**May 2020**
University of Mumbai	Cum. GPA: 3.7/4.0	B.E. – Computer Engineering	**May 2015**

SKILLS

LANGUAGES: *Java, Kotlin, JavaScript, Python, WebGL, C, C++, R*
FRAMEWORKS: *Android Studio, Visual Studio, Unity 3D, Node JS, Firebase, R Studio, Git, J.D. Edwards*
CONCEPTS: *Object Oriented Programming, Android App Development, Game Engine Design, Computer Graphics, Analysis and Design of Algorithms, UI and UX, Game AI, Deep Learning, Machine Learning, ERP*
CERTIFICATIONS: *Oracle Java SE 8 Programmer, Coursera Deep Learning Specialization*

EXPERIENCE

Genesys, Android Developer, Durham   **Jun 2020 –Present**
· Worked on full-stack Android development for multiple apps.
· Implemented Kotlin coroutines to replace deprecated code (AsyncTask). Also responsible for updating old code throughout the GenesysCloud Android app.
· Arranged (and participated in) Android bug hunts. Writing thorough unit tests for new features and production-ready code.

Genesys, Software Engineer – Mobile Apps Intern, Durham   **May 2019 – Apr 2020**
· Updated the UI of the GenesysCloud Android app to incorporate branding changes. More than **100** layout and activity files were updated.
· Learned and implemented Kotlin and Dagger injection in code. Migrated complete Java codebase to Kotlin.
· Improved UI features through design changes in the main app and fixed multiple bugs in the code.

Larsen & Toubro Infotech, Software Engineer, Mumbai   **Jun. 2015 - Jul. 2017**
· Implemented add-on applications using Java to improve UX for **10,000+ users**.
· Fixed **45** critical issues in Business Functions by debugging them in Java and C.
· Conducted training sessions of JDE Cafe One implementation for **30 coworkers** to build foundations on how to create a custom User Interface using JDE Cafe One.
· Created a Global ERP Template which served as a base for all regional templates, that was deployed to **50+ countries**.
· Developed applications, reports and business functions based on the Global Template requirement.
· Constructed the entire **Collector Diary** module for **100+ users** using J.D. Edwards.

PROJECTS

THESIS | EMAIL VISUALIZATION
· Researching and analyzing different **Email Visualizations.**
· Prototyping email layouts to make the email interface more **user friendly**.

GAME AI | ANALYSIS OF AI AGENT BEHAVIORS
· Analyzed and researched Game AI interaction with a user and how to make it an enjoyable experience.
· Implemented continuous evaluation metrics such as **Win/Loss Ratio, Percentage of Map Covered** and **Aggressive Decision Making**.

ANDROID APP | TRAVEL ALARM
· Created an app to set alarms based on distance from a given destination using **Google Maps API.**
· Added extra **settings** to save favorite routes and tweak distance and alarm settings.