VINOTH MANI

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EDUCATION

Northeastern University   Boston, MA
Master of Science in Software Engineering Systems   Expected May 2023
- Relevant Coursework: Program Structure Algorithms, Concepts of OOPS, Enterprise Software Design, Network Structure & Cloud Computing, Software Engineering, Web design and Engineering

Anna University   Chennai, India
Bachelor of Engineering in Computer Science Engineering   April 2018

SKILLS

- *PROGRAMMING LANGUAGE:* python, JavaScript, Typescript, swift, C#, java, HTML, CSS, SCSS, SQL, ReactJS, NodeJS
- *FRAMEWORK & DB:* leafletjs, cocoa pods, Rasa AI Chatbot, SQL, Firebase, MongoDB, PostgreSQL
- *SOURCE CONTROL:* git, perforce, GitHub Actions, CI/CD pipeline
- *TOOLS EXPERTISE:* VS Code, Visual Studio, Blender 3D, Meld, VS Code, postman, Ngrok, Amazon Web Services

WORK EXPERIENCE

SCIENTIFIC GAMES   Chennai, IN
Associate Software Engineer - Full Stack Development   Nov 2018 - Sep 2021
- Implemented game mechanism and redesigned UI for poker card shuffling
- Fixed issues in cloud CI/CD pipeline mechanism and optimized UI layout to fit in various platforms
- Developed in-house application map using leaflet JavaScript library for treasure hunt mechanism feature
- Redesigned game development kit and built system to run games in various cloud infrastructure and dockerized bash scripts to make build automation using slack bot
- Created a chatbot application leveraging RASA framework for in house application and created built automation using node.js and bash scripts
- Devised automation by a single executable windows bash file using python for bot training, validations and running up all its services
- Established rasa backend integration with Facebook, telegram messengers and devised user interface for frontend with JavaScript
- Designed frontend for patron registration and constructed geo-fencing mechanism for user tracking using iOS core location library
- Performed and fixed code changes in C# for migration from .net 3.5 to vs 2019 .net 4.6.1 framework and deployed it in cloud infrastructure with build automation scripts
- Integrated with firebase Database for storage and real-time CRUD operations, a designed dashboard for both user and admin application operating firebase SDK, JavaScript

SCIENTIFIC GAMES   Chennai, IN
Research Intern   Sep 2017 - May 2018
- Created a mobile game application leveraging AR Kit/AR Core for both android, iOS platforms using java and swift
- Developed API for user login issues and MFA processes with firebase cloud and JavaScript frontend

BOTBUILDERS/ENTREPRENEUR   Boston, MA
Founder - https://botbuilders.in/   Jan 2020 - Feb 2021
- Founded as part of hobbies and a learning purpose in fields of Cloud, Web and Artificial intelligence
- Drafted chatbot and made available in cloud infrastructure for seamless customer integration with AWS, rasa python