

JAYASHANKAR MANGINA

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Education

Master Of Science : Applied Computer Science

January 2021 – May 2022

NORTHWEST MISSOURI STATE UNIVERSITY - MARYVILLE, MO

GPA:3.7/4.0

Bachelor Of Technology : Electronics and Communication Engineering

June 2015 – June 2019

SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE - ANDHRA PRADESH, INDIA

GPA:6.3/10.0

Relevant Coursework

- Web Apps and Services
- DBMS
- Data Visualization
- Mobile Computing - iOS
- OOP
- Advanced DBMS
- Patterns and Frameworks
- Big Data

Technical Skills

Languages: Java, C, HTML, CSS, JavaScript, Swift, FireBase

Developer Tools: VS Code, IntelliJ IDEA, XCode

Technologies/Frameworks: GitHub, Figma

Professional Experience

PROGRAMMER ANALYST

NOVEMBER 2019 – DECEMBER 2020

COGNIZANT TECHNOLOGY SOLUTIONS

CHENNAI, INDIA

- Created data models and trained the listeners to read the emails of different formats sent to our business emails and classify the data captured and display them in the portals as per the requirements using Prediction Studio in Pega.
- Implemented some POC for the projects that concentrates on Pega Automation.
- Worked on Activity rules that contains methods like objSave, call function, and apply data transform.
- Made significant changes to the Section User interface and web Design.

Projects

Community Emergency Response Team | *Swift, FireBase, XCode, CocoaPods* | [View on GitHub](#)

August 2021

- CERT is an iOS Mobile Application that provides immediate assistance to the victims of disaster/apocalypse by fetching the incident details in real-time and sending in the CERT team for rescue operations.
- Designed the Application Logo, prototypes and wire-framed the application working using Figma software.
- Setup the Google 'FireBase' Cloud database and connected to the application in the Back-end.
- Integrated 'MapKit'(Apple's Integrated Maps framework) into the application, extracted the user's location and created an automation to fill the report page using auto-fill values.

Pic-To-Send | *Swift, XCode, Multi-Peer Connectivity, Cocoa Touch, iOS SDK* | [View on GitHub](#)

August 2021

- PTS is an iOS mobile application that let you share pictures and messages with the nearby users in real-time.
- We used Multi-peer connectivity framework which allows users to make direct connections to those nearby to them
- Designed the Application Logo, LaunchScreen and HomeScreen, Prototypes and Wireframes using Figma.
- Implemented Image Picker,CollectionView to select and display images upon receiving.
- Added 'Send Message' as a bonus feature to enable interactions between the connected users.

WebSocket Chat Application | *HTML, CSS, JavaScript, Java, SpringBoot* | [View on GitHub](#)

August 2021

- Developed an Online Group chat application using WebSocket API in SpringBoot framework.
- Designed the Front-end web page view using HTML, CSS and JavaScript.
- Implemented modal class, controller class which enables the interactions and connectivity between the client and server in backend using SpringBoot framework.

InternShips

Machine Learning

June 2018 – July 2018

VERZEO INC (EDUCATION PARTNER : MICROSOFT)

- Developed an NLP Based "Spam Text Classifier" that detects and differentiates a dataset of 8000 sentences into 'Spam' or not using Python libraries and Machine Learning algorithms.

Android Application Development

June 2018 – July 2018

INTERNSHALA

- Developed an Android Music Player Application named 'Echo' that plays, skips, shuffles, and pauses the user's song using Kotlin language and XML.