



George Varughese

Software Developer

Software Engineer with excellent problem-solving skills and ability to perform well in a team. Passionate about coding and enjoys learning new each day.

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EDUCATION

BTech Computer Science & Engineering Indian Institute Of Information Technology

01/2021 - Present

Kottayam, India

High School Diploma Gems Our Own English High School Boys Branch

03/2009 - 07/2021

Sharjah, UAE

WORK EXPERIENCE

Software Developer

Maura

06/2024 - Present

San Francisco, CA

Achievements/Tasks

- Responsible for backend and frontend infrastructure tasks
- Conduct theoretical computer science research Implement
- optimize machine learning models

Software Developer Chamberly

12/2023 - 06/2024

Stockholm, SE

Achievements/Tasks

- Developed an iOS app working with cross-functional teams
- Implemented machine learning models, including pose-net for body measurements
- Utilized ARKit for iOS and integrated Firebase for data storage

iOS Developer Variant Labs

08/2023 - 12/2023

Hyderabad, Ind

Achievements/Tasks

- I was given the responsibility to work with different teams to develop a Physiotherapist App in IOS.
- I was given a key responsibility in guiding and managing my other team members towards the deployment of the app.
- I also had implemented several UI screens in SwiftUI, described by the company in Figma files.
- I also got the opportunity to work with an Amazon Api used for checking the correctness of different exercises with a machine learning model.

SKILLS



PERSONAL PROJECTS

Face Recognition Attendance Marking System

- Utilized Python packages including cvzone, face-recognition, and firebase-admin
- Implemented machine learning algorithms for live attendance marking
- Developed an interactive UI and integrated with Firebase for data storage

Uber Clone - iOS

- Created a fully functional Uber clone with SwiftUI
- Implemented route generation, pricing models, and a customized local search completer
- Replicated the UI of the original Uber app for enhanced user experience

Simulation of SLAM in Gazebo

- Utilized ROS environment and RViz for physics simulation
- Implemented SLAM algorithm for obstacle avoidance using LiDAR camera
- Applied sensor fusion techniques using various Gazebo plugins

CleanUp Software

- Led a team of 4 to develop a cleanup software for Windows using Python
- Designed and implemented GUI using QTGUI from Python libraries
- Created functionality to clean temporary files as specified by the user

WORKSHOPS AND ADDITIONAL EDUCATION

International Centre for Theoretical Sciences (ICTS)

Attended astrophysics workshops at the ICTS which provided guidance in the field of gravitational waves

National Centre for Mathematics

Participated in advanced mathematics programs at the NCM which focused on topics related to Derived categories and semi-orthogonal decompositions

National Institute of Technology (NIT) Trichy

Conducted research under faculty guidance at the National Institute of Technology (NIT) Trichy

WORK EXPERIENCE

Android Developer

Linumiz

04/2023 - 06/2023

Berlin, DE

Achievements/Tasks

- Developed an Android application connecting with BLE peripheral devices.
- Implemented read and write operations using BLE code tables.
- Created an Alexa skill for voice-to-text (NLP) functionality.
- Defined JSON schema for device communication (NLU).

AWARDS AND ACHIEVEMENTS

Ranked 10th in Junior High (10th grade)

Achieved 95% in CBSE board exams during the COVID-19 pandemic

Awarded Golden Visa by the UAE government for academic excellence

Passed the JEE Mains to get an admission at Indian Government colleges

CERTIFICATES

AWS Certified Cloud Practitioner (02/2024 - Present)

Learned all the fundamental concepts of working with the AWS infrastructure

Meta Android App Developer (Coursera) (11/2022 - Present)

Earned this certificate which includes all that is needed to excel the field of mobile development

AWS Cloud Solutions Architect (04/2024 - Present)

Currently pursuing this course which provides insights and knowledge in providing various AWS services required by the clients

LANGUAGES

English

Native or Bilingual Proficiency

Arabic

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

French

Professional Working Proficiency

VOLUNTEER EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

Active volunteer member for Dubai Cares

Have long hours of volunteering in the Volunteers.ae app

Participated in major volunteer events, including being part of the Al Nasser SC team for the ADNOC Pro League

Played football and cricket for college teams

Loves Travelling