Aghil Jose

Software Engineer

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Professional Experience

Nissan Motor Corporation, Trivandrum, India

Software Engineer Level II , April 2021 - Present
Software Engineer Level I , September 2018 - March 2021

- Worked on more than 12 projects (extended reality - 6, web development - 3, mobile - 2, blockchain -1) in the span of more than 3 years.
- Developed an application that generates dynamic **virtual** environments to **test and train autonomous driving algorithms** with estimated **cost and time in pre-production prototyping** of at-least **60%**. Tech used – **Unity 3D, C#**.
- Built an application for finding **optimal specifications for a vehicle** that is **economically feasible** for the **business** and **customers**. Tech used – **VueJS, Spring** and **PostgreSQL**.
- Developed a **Mixed Reality** application to bypass design gaps and accelerate engineering and manufacturing processes. Estimated **cost saving of 40%** and **time saving** of more than **1 year**. Tech used – **Unity 3D, C#, HoloLens 2**.
- Developed an application that simulated data collection from **embedded sensors** from an electric car to the **blockchain.** Tech used - **Hyperledger Fabric** and **JavaScript**.

Accenture, Bangalore, India

Associate Software Engineer , January 2018 - June 2018

- Worked on automated testing tools such as **Selenium** and **Apache Jmeter**.

Education

Master of Computer Applications
December 2014 - October 2017

College of Engineering, Trivandrum

Bachelor of Science, Physics
June 2010 - November 2013

University of Calicut

Personal Projects

Tech Blogger - October 2020

A hybrid mobile created to **load and display the live blogs from my personal website** using **Flutter**, **Node.js** and **MongoDB**.

Skills

LANGUAGES

- C++
- C
- C#
- JavaScript
- TypeScript
- Java
- Python
- NodeJS
- HTML
- CSS / SASS

EXTENDED REALITY

- Unity 3D
- Unreal Engine

MOBILE

- Flutter

BUILD & DEVOPS

- Git
- Jenkins

OTHER

- Microsoft HoloLens 2
- HTC Vive Pro
- Hyperledger Fabric
- Blender
- React Native
- Vue.js
- Agile
- Blockchain
- Linux

Languages

- Engilsh - Fluent
- German - Elementary

Hobbies

- Football
- Reading
- Travel