

# Aghil Jose

Software Engineer

27-01-1992 | Dresden, Germany



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## Professional Experience

### JOYNEXT, Dresden, Germany

Software Innovation Engineer, September 2022 - Present

- Image stream capturing, object detection and classification using **C++** and **OpenCV**.
- **GPS** data capturing using **GPSD library**, **C++** and **Ublox sensors**.

### Nissan Motor Corporation, Trivandrum, India

Software Engineer Level II, April 2021 - August 2022

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**.

### UST Global, Trivandrum, India

Software Developer, July 2018 - August 2018

- Worked with **JavaScript, Spring boot, Java** and **PostgreSQL**.

### 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

## Skills

### CORE TECHNOLOGIES

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

### EXTENDED REALITY

- Unity 3D
- Unreal Engine

### MOBILE

- Flutter
- React Native

### WEB FRAMEWORKS

- Vue
- React
- Angular

### OTHER

- Git
- Agile
- Linux
- Microsoft HoloLens 2
- HTC Vive Pro
- Hyperledger Fabric
- Blender
- Blockchain
- Embedded

## Languages

- English - Fluent
- German - Elementary

## Hobbies

- Football
- Reading
- Travel