Aghil Jose

Software Engineer
München, Germany

in https://www.linkedin.com/in/aghil-jose/ 🌐 https://aghiljose.com/ 📱 +49 1624898863 ✉ career@aghiljose.com

An Engineer with experience in end-to-end application development, enjoys research and with pivotal contributions in building innovative applications to the needs of the business. Collaborated with cross-functional teams in agile as well as waterfall environments and with a proven track record of producing results in Automotive visualisation and Virtual Testing environment for Autonomous Vehicles.

KEY COMPETENCIES

JavaScript, TypeScript	Flutter, Dart	Version Control
Angular, Vue.js	SQL, NoSQL	Agile Methodologies
C++, C, C#, Node.js	Unreal Engine, Unity 3D	Embedded

PROFESSIONAL EXPERIENCE

European Computer Telecoms, München, Germany   June 2023 - Present
Senior Frontend Developer
- Working on telecommunication domain
- Developing **low-code** development tools with **Angular** to create **web applications** and **cross-platform mobile applications**.

JOYNEXT, Dresden, Germany   September 2022 - March 2023
Software Innovation Engineer
- **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   September 2018 - August 2022
Software Engineer Level II
- Worked and delivered, on time, more than 12 projects in the span of 4 years.
- Developed and application that generates **dynamic virtual environments** to **test and train autonomous driving algorithms** which results in cost and time saving in pre-production prototyping process using **C++** and **Unreal Engine**.
- Built an application for **finding optimal specifications** for an **economically feasible vehicle** for the **business** and **customers** using **Angular**, **Spring boot** and **PostgreSQL**.
- Built a **cross-platform mobile application** that enables customers to effortlessly schedule a **fully customized test drive experience** as per their specific needs using **Flutter**, **Dart** and **Node.js**.
- Developed an application to help the customer in choosing the **best car and variant according to their lifestyle** using **Vue.js**, **Spring boot** and **PostgreSQL**.
- Developed a Mixed Reality (MR) application to assit engineers through the engineering and manufacturing process of a vehicle using **Unity 3D**, **Microsoft HoloLens 2**, **C#** and **Node.js**.

EDUCATION & CERTIFICATIONS

Master of Computer Applications
University of Kerala

Bachelor of Science, Physics
University of Calicut

LANGUAGES

- English - Fluent
- German - Elementary

HOBBIES

- Football
- Reading
- Travel