

Resume

Personal Details

Name Prithvi Prakashkumar Patel
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DOB/POB 14.09.1996 / Ahmedabad, Indien
Nationality Indisch



Education

Since 08/2020
Focus **M.E., Electrical and Embedded Systems**
AI, Computer Vision, Automotive Systems
Hochschule Ravensburg Weingarten
Weingarten, 88250 Deutschland

03/2016 – 08/2020
Focus **B.E., Electrical and Information Technology**
Automation Technology, Networking
Hochschule Ravensburg Weingarten
Weingarten, 88250 Deutschland

Experience

04/2020 - Now
Master Thesis : Analysis and evaluation of the need of generic and scalable Cloud-based OTA update system

- Design of a new generic and scalable architecture for OTA updates, which can be applied to various sectors

Soluware GmbH, Ravensburg

02/2020 – 02/2022
Working Student - Software Engineer

- Xamarin Apps, WPF apps and backend development in .NET framework and .NET core
- Test Automation, Code Refactoring, Debugging and Building Tools

Soluware GmbH, Ravensburg

Hands-on Projects

12/2021 – 02/2022
AkaFLASH tool (Company Project)

- Backend Web API, which processes user/configuration data and stores/retrieves from/to database.
- .NET framework, C# for the Backend API, WPF as Client app and MySQL for the phpMyAdmin Database.

03/2021 – 08/2021

Womega E-Commerce Full Stack Web App

- FullStack Ecommerce WebApp that allows customers to browse through clothes, add them to cart and pay with credit/debit cards. This project includes an admin portal to maintain products, company analytics and perform business activities.
- .NET Core for Backend, HTML, Bulma CSS and VueJs for Frontend and local database.

Github: <https://bit.ly/3mAld4p>

05/2021 – 06/2021

Restaurant Robot

- Robot Algorithm Development, where the robots picks up the dish from kitchen as the event is triggered, navigates to the table from which the order came from and keeps the dish on the table
- Developed Python, Simulated in Gazebo, ROS framework and Docker Containers.

Github: <https://bit.ly/3zsOLso>

Technical skills

Programming Languages

C, C++ for Graphics and Embedded programming,
JAVA – Android Studio, Swing, Linux command line,
Git and Gitlab for version control, Meld
C# for Xamarin, WPF und Web API .Net Framework, und .Net Core
MVC – MVVM Web Application, C++, Python (ROS), VueJs
(Javascript)

Software IDE

Code :: Blocks, Netbeans IDE, Eclipse IDE, Design Suite,
Atom IDE, Microsoft Office: Word, Powerpoint, Excel und Access,
AutoCAD 2015 mit Autodesk Professional Certificate,
Visual Paradigm UML-Tool, Visual Studio., C#, Android Studio, Visual
Studio Code

Languages

German

Good Knowledge (B2)

English

Fluent in speaking and writing

Gujarati

Native

Hobbies and Leisure activities

Indie Game Development, Listening Music, Book Reading

Weingarten, 19.06.2022

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