Resume

Personal Details

Name Prithvi Prakashkumar Patel

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88250 Weingarten

Mobile +4917640445531

E-Mail prithvi14091996@gmail.com

DOB/POB 14.09.1996 / Ahmedabad, India

Nationality Indian

Education

Since 08/2020 M.E., Electrical and Embedded Systems

Focus AI, Computer Vision, Automotive Systems

Hochschule Ravensburg Weingarten Weingarten, 88250 Deutschland

03/2016 – 08/2020 B.E., Electrical and Information Technology

Focus 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. Used Dot NET framework, C# for the Backend API, WPF as Client app and MySQL for the phpMyAdmin Database. Chain of Responsibility Design Pattern

used and dependency injection for API call.



03/2021 - 08/2021

Womega E-Commerce Full Stack Web App

 Full Stack 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.
Dot NET Core for Backend, HTML, Bulma CSS and VueJs for Frontend and local database. Chain of Responsibility Design Pattern used, Layered (N-Tier) Architecture and essence of Service Oriented Architecture (SOA) for API methods

GitHub: https://bit.ly/3mAld4p

05/2021 - 06/2021

Requirement Parser

 WPF helper desktop application for analyzing functional and non-functional requirements and generating CAPL-testcases for software testers. Used C#, WPF Dot NET framework. I implement recursive binary search tree data structure for parse the requirement document as CSV file.

GitHub: https://bit.ly/3zsOLso

Technical skills

Programming Languages C,

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 Developer, Listening Music, Book Reading

Weingarten, 24.06.2022

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