Archit Dharod

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Skills & Tools

Programming languages
- TypeScript
- JavaScript (React.js Node.js)
- HTML, CSS3
- Objekt-oriented C++, Python

Databank
- MySQL

Software Version Control
- Git and GitHub

Other skills
- Containerisation with Docker
- Figma
- Vite & Webpack

Experience

Pflanzmich GmbH - Hamburg, Germany
(Junior) Full-Stack Developer   since July 2022

- As a full-stack developer at Pflanzmich, I undertook two major projects: the development of an telephone answering machine (IVR) bot and a chatbot for the pflanzmich.de website This involved gathering specifications, implementing the program, testing and deploying the final product. The project involved the use of various skills, including **Typescript**, **node.js**, **Asterisk**, and **REST-api** interface.

- A dashboard was developed using **React.js** and **TypeScript** to provide an overview and evaluation of customer service agent performance. Through this user-friendly interface, management was able to monitor key performance metrics and make data-driven decisions to improve agent efficiency and customer satisfaction.

- identifyed the weaknesses in the user interface of the website and improved them, taking into account best practices for user-experience.

- Fixed numerous bugs in the website's codebase, and created clean and documented code.

Hochschule für angewandte Wissenschaften Würzburg - Schweinfurt (FHWS), Germany
Industry project - project management   from 10/2021 till 12/2021

- Development of a Raspberry Pi based low-cost data logger for use in surgery rooms.
- Hardware development for the medical application in accordance with DIN EN 60601-1 / IEC 60601-1-2.
- Successful project management in cooperation with external industry partners.
- Organized team-work, time management and project management using tools such as Gantt charts and Work Breakdown Structure (WBS).

ZF Friedrichshafen - Schweinfurt, Germany
Internship in the department: Production Tech Center Robotics & Vision   from 04/2021 till 09/2021

- Developed in internal website with **HTML** and **CSS** for the training of employees in various topics of robotics.
- Programmed robots in various robot-specific programming languages, including Universal Robots.
- Development and support in various human-robot collaboration applications.
- Supported application development processes for human-robot collaboration at the various departments.
- Collision testing of lightweight robots for the verification of biomechanical threshold values, analogous to ISO/TS 15066.
- New skills learnt: **Robot Operating System** (ROS), **Linux** and **Python**.
- Conceptualization of prototypes, designing (CAD) and implementation using additive manufacturing.

Education

Bachelor's degree in Mechatronics   from 10/2019 till 05/2022
Hochschule für angewandte Wissenschaften Würzburg - Schweinfurt (FHWS), Germany
Specialization: Automation and Robotics;
Average grade: 1,8 (German Grade System)

Languages

- English (native speaker)
- German (fluent)
- Hindi (native speaker)

Voluntary work

Interkulturelles Begegnungszentrum für Frauen e.V. (IBF)
Mentoring of Students with Homework at the Albert Schweitzer Elementary School from 01/2022 till 03/2023
- Mentoring and tutoring of students with homework assignments.
- Facilitating and strengthening of student's social skills through conversation, games and origami.
- Teaching origami after completion of homework.

Gustav-Radbruch-Haus (GRH) - Hamburg, Germany
Part of the student council of the GRH dormitory   from 10/2015 till 10/2019
- Internal photographer and social media manager of the GRH dormitory.
- Management and optimization of parcel and package reception.

Interests and hobbies

- Portrait and street Fotography
- Baking world class pizzas
- Origami