Archit Dharod

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Experience

Full-Stack Developer
Claimini GmbH - DE, Hamburg   since August 2023

- Developed a robust front end with complex requirements in collaboration with UX/UI designers. This was done using React.js and TypeScript.
- Planning, implementing, debugging and optimizing microservices in TypeScript with Node.js to fulfill complex multi-user requirements
- Designed database schemas for PostgreSQL in the context of a microservice architecture and wrote SQL scripts for the microservices to use.

Full-Stack Developer
Pflanzmich GmbH - DE, Hamburg   July 2022 - July 2023

- Increased customer satisfaction and customer service efficiency by developing a telephone answering bot (IVR) and chatbots for pflanzmich.de using TypeScript, Node.js and Asterisk. Requirements analysis, design, implementation, integration with the REST API interface and extensive testing and deployment of the bots led to reduced waiting times and improved call answering.
- Facilitated data-driven decision-making to improve customer satisfaction by developing a React.js dashboard to monitor customer service performance. Designed and developed a user-friendly interface, integrated with customer service databases, visualized performance metrics and trends with React.js to provide management with real-time insights into agent performance and key KPIs.
- Optimized website usability by identifying UX/UI flaws and fixing them. Implemented web design and usability best practices and optimized site navigation resulting in positive user reviews.
- Corrected and optimized the website's code base - resulting in a reduction of errors and an improvement in code quality - by creating clean, documented code and fixing numerous bugs.

Internship
Hochschule für angewandte Wissenschaften Würzburg - Schweinfurt   October 2021- December 2021
- Led the development of a Raspberry Pi based low-cost data logger for use in surgery rooms. (Python, Arduino). The project met the safety standards for medical devices according to DIN EN 60601-1 / IEC 60601-1-2.

Internship
ZF Friedrichshafen - DE, Schweinfurt   April 2021 - September 2021

- Designed and implemented a website using HTML and CSS for training employees on robotics topics. This interactive and user-friendly interface contributed to more effective training.
- Programming of robots in various robot-specific programming languages, including Universal Robots.
- Developed and supported human-robot collaboration (HRC) applications.

Education

Bachelor's degree in Mechatronics   October 2019 - May 2022
Hochschule für angewandte Wissenschaften Würzburg - Schweinfurt (FHWS), Germany
Specialization: Automation and Robotics

Skills

TypeScript, Node.js, React.js, Postgresql, MySql, Astro, HTML, CSS, containerisation with Docker