



DHARAM DHAMELIYA

A Full-stack Developer

📍 Chemnitz, Germany
☎ +49 160 6441288
✉ dharam.dhameliya27@gmail.com
🌐 linkedin.com/in/dharamdhameliya
🐙 github.com/kano2710
🌐 dhameliya.com

Holding a master's degree in computer science from TU Chemnitz; I carry demonstrated experience as a Full-Stack Developer building secure chat platforms, data visualizations, and IoT solutions using skills in JavaScript, TypeScript (Angular, React.js, Vue.js), Node.js, PHP, ASP .NET (C#), Python, and API-driven architectures. Along with technical skills, I am constantly improving communication, collaboration and problem-solving skills that support teamwork and drive positive project outcomes.

WORK EXPERIENCE

ETAS GmbH – a Robert Bosch company

Stuttgart, Germany

Master Thesis

Oct 2024 – Jul 2025

- Built a hybrid web/desktop application suite with Docker-based deployment for scalable enterprise use, enabling visualization of real-time ROS2 telemetry, recorded .db3 data, and ECU measurements via ETAS INCA.
- Integrated ROS2 rosbridge pipelines to stream robot data into the frontend, successfully decoding recorded data for playback and connecting with ETAS INCA to start/stop and visualize ETK measurements.
- Developed the system using Angular, Node.js, C++, ROS2, and WebSocket technologies, ensuring robust data flow and visualization across components.

ETAS GmbH – a Robert Bosch company

Stuttgart, Germany

Full-stack Developer & DevOps Engineer – Intern

Apr 2024 – Oct 2024

- Developed a web GUI for configuring and visualizing real-time data from ETAS hardware devices using MCDCore and RALO software.
- Managed CI/CD pipelines within Azure environments, that aim to reduce deployment times and improving deployment reliability.
- Collaborated with cross-functional teams to enhance data acquisition processes, which increased the data processing effectively.

ERRSOL TECHNOLOGIES LLP

Rajkot, India

Full-stack Developer

Oct 2020 – Mar 2021

- Contributed to development of a Real Estate Portal enabling admins to manage property transactions effectively to support increase in user engagement.
- Implemented logging, dashboard, admin modules, and role-based access control, enhancing system security and operational efficiency.
- Provided comprehensive client consultation to gather requirements, leading to tailored IT solutions that aligned closely with business needs.

EDUCATION

TECHNISCHE UNIVERSITÄT CHEMNITZ

Chemnitz, Germany

Master of Science – Web Engineering

Oct 2021 – Oct 2025

Cumulative GPA: 2.3/4.0

- Achieved high grades in key courses such as “Datenbanken und Web-Techniken” (Databases and Web Techniques) with a grade of 1.3 and ‘Software Service Engineering’ with a grade of 2.3.
- Participated in the “Planspiel Web Engineering” module, achieving outstanding performance with a grade 1.7 in practical web engineering simulations.
- an overall impressive performance in depth modules like “Cloud & Web Applications” and “Media Encoding /Retrieval”.

- Excelled in courses like “Artificial Intelligence”, “IoT and Applications”, and “Web Technology”, which are directly relevant to my current web engineering focus.
- Developed key projects such as a Vehicle Pooling System and a Gate Surveillance System, demonstrating practical application and innovation in software solutions.

SKILLS

- **Programming Languages**: JavaScript, TypeScript, Python, C++, C#, PHP
- **Web Development**: Angular, React.js, Vue.js, Spring Boot, Node.js, HTML, CSS, REST APIs, Socket.IO
- **Cloud Technologies**: Azure, AWS
- **Database**: MySQL, postgresSQL, MongoDB, Stardog
- **Tools**: VS Code, IntelliJ IDEA, Bitbucket, Git, Docker, Swagger, Postman

PROJECTS

CHAT APPLICATION Mar 2024	Built a secure real-time chat app with instant messaging, group chats, and multimedia sharing via WebSocket, featuring end-to-end encryption and user authentication.
ACROSS MODULKATALOG (TU Chemnitz) Oct 2023 – Mar 2024	Developed an educational content management system that lets users access, organize and interact with learning modules, incorporating semantic search to speed up data retrieval and a responsive interface for use on any device.
INTERACTIVE MAP May 2023 – Jun 2023	Built a dynamic web application for geographical data visualization featuring weather overlays.
WEB BASED CALCULATION OF PV SYSTEM (TU Chemnitz) May 2023 – Jun 2023	Created a web tool to estimate photovoltaic system power output using real-time location and weather data, integrating mapping and weather APIs and providing a simple interface for personalized solar-panel calculations.
GATE SURVEILLANCE SYSTEM (Marwadi Education Foundation) Jan 2020 – Jun 2020	Implemented a gate surveillance solution in a two-person team that authenticates vehicles via identification tags and displays parking-space availability, using PHP and electronic sensors to ensure secure, efficient access control.
VEHICLE POOLING SYSTEM (Marwadi Education Foundation) Jun 2019 – May 2020	Designed a web application enabling organization members to authenticate with their ID cards and arrange shared vehicle trips, achieving a perfect score on the final-year project presentation.

LANGUAGES

English – Full Professional Proficiency
German – Elementary Proficiency (Level A2)

DRIVING LICENSE

Class B (Car) – valid in EU