

Harsh Kumbhani

+49 152 06919349 | harshwut@icloud.com | [linkedin.com/in/harsh-kumbhani](https://www.linkedin.com/in/harsh-kumbhani) | github.com/harshkumbhani

EDUCATION

42 Heilbronn

Programming and Software Engineering School

Warsaw University of technology

BS in Mechatronic Devices and Systems, Faculty of Mechatronics

GPA(Poland): 4.81 / 5, German equivalent: 1.23

Heilbronn, Germany

March 2023 - Present

Warsaw, Poland

October 2019 - February 2023

SKILLS

Programming Languages: C, C++, HTML, CSS

Exposure to: Python, AWS Cloud Practitioner, Javascript

Libraries and Tools: Git, Github, Docker, AutoCAD Fusion and Inventor, ANSYS Engineering Simulation and Analysis

Core Competencies: Leadership and Teamwork, Interpersonal Skills, Bias for action, result-driven, Agile learner

Languages: English (Fluent), German (A2), Polish (Basics), Hindi (Native), Gujarati (Native)

PROJECTS

- **Minishell**, Co-developed the development of a Bash shell in C, using Git/GitHub for version control with pull requests and peer reviews, illustrating collaboration, guidance, adaptability, and communication skills. [GitHub](#)
- **cub3d**, Collaboratively implemented ray-casting in C, honing my mathematical and computational skills. [GitHub](#)
- **Webserver (in progress)**, Currently developing a webserver in C++, enhancing my network programming and system design skills. [GitHub](#)

WORK EXPERIENCE

Devangi Power Pvt. Ltd.

Support in Project Management

Gujarat, India

July 2022 - September 2022

- Led research and surveys to create CAD files for electrical and renewable energy plant projects, optimizing processes by up to 30%.
- Collected and analyzed data from field operators to improve safety procedures, achieving a 15% reduction in electrical equipment failure during installation.
- Developed and implemented a new tracking system for project deadlines and milestones, significantly enhancing overall efficiency.

EXTRACURRICULAR ACTIVITIES

42 Heilbronn Assistant Team

Team member of Heilbronn Assistant Team (H.A.T)

Heilbronn, Germany

January 2024 - Present

- Facilitated Piscine operations at 42 Heilbronn programming school, enhancing applicant-student interactions.
- Reviewed code for Piscine rush team projects, providing constructive feedback and helping Piscineers strengthen their coding skills by leveraging my experience at the school.
- Supported Piscine exams, ensuring smooth administration and offering assistance to students.

Student Council of Faculty of Mechatronics

Member of the Student council

Warsaw, Poland

October 2021 - February 2023

- Organized and conducted orientation events for new students, incorporating engaging activities and integration trips to foster connections among the new group of students.
- Educated students on new rules, regulations, rights, and obligations through short presentations to keep them informed.
- Directed various events, such as fundraising for Polish NPO's, sports activities and more

Committee of the International affairs (SSPW)

Coordinator of the Committee

Warsaw, Poland

December 2021 - February 2023

- Planned and executed student exchange events between Warsaw University of Technology and other European universities allied with the ERASMUS program, enabling 500+ students to experience a new culture.
- Assisted 100+ international students in adapting to life in a new country, including providing support on academic matters and more.