

AARSHIKA SINGH

STUDENT

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PROFILE

I am a computer science student with robust problem-solving skills and proven experience in web-development and working in agile environment.

EDUCATIONAL TRAINING

Bachelor of Science in Computer Science

Jacobs University Bremen | Sept 2019 - May 2022

- Courses: Algorithms and Data Structures, Databases and Web Services, Operating Systems, Software Engineering, Automata, Complexity and Computability, Computer Vision, Parallel and Distributed Computing.
- Study Minor: Global Economics Management.

SKILLS

Coding Languages

C and C++: Advanced - Python: Intermediate
JavaScript : Intermediate - PHP: Intermediate
HTML5: Intermediate - CSS3 : Intermediate
Haskell: Basic - MATLAB: Basic

Frameworks/Systems

ReactJS, AngularJS, Django, Flask, bootstrap, Visual Studio, Wix

PROJECT

Databases and Web Services Project: Online Food Exchange Platform

- Developed and implemented a web service using LAMP: Linux, Apache, MySQL, Python/PHP.
- Maintained a database in a remote server and hosted the website.
- *Technologies used:* HTML, CSS, Angular.js.

Software Engineering Project: Beer Game

- Developed Beer Distribution game while working in dynamic teams.
- *Technologies used:* HTML, CSS, React.js, Flask, Django.

REFERENCES

Available on request.

CAREER SUMMARY

Student Assistant, Data management and Stewardship

Max Planck Institute | September 2021 to Present

- Discovered, reviewed, and curated datasets and literature to build a database capturing metadata with DNA sequencing.
- Assisted with data analysis for an international project building a network of ocean-based biodiversity observatories.

Digital Innovation Intern

PlanetLocal.co | June 2021 to Aug. 2021

- Designed digital tools (impact quantifier, geoblocking and automated gift card) while assisting in other areas of web development.
- Worked with Wix websites while developing digital tools in agile environment.
- Devised solution to improve the UI/UX design and customer experience to achieved better brand status.

Teaching Assistant, Career Services Center

Jacobs University Bremen | Sept. 2020 to June 2021

- Promoted the seminar and events on social media platforms.
- Assisted students with job and internship applications and mock interviews to improve the impact of their application.
- Handled external communications with companies and startups based in EMEA region.

Junior Programmer Working Student C++

Nichirin Imperial Autoparts India Ltd. | June 2020 to Oct. 2020

- Worked in dynamic teams on projects ranging from Material requirement planning software to Web Services and Mobile Applications.
- Assisted with code review and technical documentation.

ACCOMPLISHMENTS AND INTERESTS

- External scholarship recipient funded by Lürssen Werft GmbH, Bremen.
- Participating in entrepreneurial seminars and programs.
- Member of Computer Science and Women in Tech club.