

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.
- GPA: 1.88 (German scale, 1.0 being highest and 5.0 being lowest)

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 achieve better brand status.

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.

PROJECT

Track'em : A Bug Tracker - [Website](#)

- Built a Django app to track project bugs/issues.
- Maintained PostgreSQL database in AWS RDS.

BlendEats: Online Food App - [Website](#)

- Built LAMP stack web app to exchange/order food.
- Maintained MySQL database in remote server.

Beer Game - [Github](#)

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

BASIC Interpreter: Numerical operations - [Github](#)

- Programmed a BASIC Interpreter using Python.
- Implemented numerical operations: addition, subtraction, multiplication, division and power.

SKILLS AND ACHIEVEMENTS

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

Special Skills:

Googling

Languages:

English - Native

Hindi - Native

German - Intermediate

Awards:

External scholarship of 15,000 Euros per year by Lürssen Werft GmbH, Bremen.