

Bhavya Sharma

Software Developer, FullStack Web Developer

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https://bs2603.github.io/

EXPERIENCE

JioSaavn

Software Developer (Adtech)

July 2022 - Present,

Ownership : Public facing website JioSaavn-for-Brands

- Ownership and management of the public facing site JioSaavn-for-Brands. <https://brands.jiosaavn.com/>
- Conducted end to end creation of a QA environment, including VM, Backend and Frontend hosting, Strapi and Jenkins integration.
- Made open source contribution to the Strapi plugin library, added accessibility to different URL formats.Tech: NextJS, Strapi, MySQL, Jenkins. <https://github.com/jakeFeldman/strapi-provider-upload-azure-storage/pull/83>

Entity Search Code Migration

- Ported the JioSaavn App search architecture from PHP to GoLang.
- Moving Entity search from a monolith to a microservice.

Backend and Data

- Resolved issues/requirements on several internal services like the Proposal service, ADX service, using languages - Python and Kotlin.

Frontend

- Developed various features on AdTech internal websites. Tech: ReactJS

Takshila Learning

Software Development Intern

May 2021 - Jul 2021,

- Rebuilt the company website to improve website performance from 20 points to 97 on Google page speed insights.
- Rebuilt the LAMP stack-based website using Gatsby with ReactJS for frontend and Flask for backend APIs.

Mechatronics Lab, IIT-Delhi

Intern

Dec 2019 - Jan 2020,

- Developed software and hardware systems and successfully deployed on a real time model of a four-legged rough terrain quadruped, within 20 days.
- Description and working video.
- Offered RAship for the successful project.

PROJECTS

Linux Shell development - Linux development (Oct 2019-Nov 2019)

- Built a bash-like shell in C that runs commands as subprocesses and supports UNIX pipes.

Conway's Game of life Simulation (Jan 2019-Feb 2019)

- Conways GoL is a 3D matrix simulation game where you have to simulate generations of cell colonies based on given rules. <https://github.com/bs2603/Conway-Game-of-Life>

SKILLS

Back End	GoLang, NodeJS, PHP, Kotlin, Python, C++
Front End	ReactJS, NextJS, HTML, CSS, JavaScript
DBMS	Redis, Solr, MongoDB, MySQL
Misc.	Azure, Strapi, Nginx, Jenkins, Software Development, Problem Solving, Programming

EDUCATION

BITS Pilani, Goa

campus

(2017-2022)

Msc. Physics and Chemical engineering.

OTHER EXPERIENCE

YTS, Plaksha University

Instructor

May - Jun

2020,2021,

- Program offered by RHEF, in collaboration with alumni from top institutions including Stanford, HBS.
- Conducted courses on Computer Science, Cryptography and Cyber Security teaching for over 350+ students, two years in a row.
- Headed the cybersecurity vertical teaching 80 students.

Sandbox Bits, Goa

Publicity

Aug 2019 - May

Coordinator

2020,

- Sandbox is BITS-Goa's university led tech makerspace with projects spanning fields like AI, Robotics, Aerodynamics.
- Worked as Publicity and Outreach coordinator at sandbox leading a team of 7.
- Contact point between sandbox and companies and other universities.