

# JYOTHSNA ASHOK

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jyothsna-ashok

JyothsnaAshok

Portfolio

## Education

### Manipal Institute of Technology

BTech in Electronics and Communication; CGPA : 8.68

October 2020 – May 2024

Manipal, Karnataka

### DAV Public School, Bistupur

Senior Secondary Examination, CBSE; Percentage : 94.4

March 2018 – March 2020

Jamshedpur, Jharkhand

## Skills

**Languages:** C++, C, Python, HTML/CSS, JavaScript, SQL, Bash  
**Tools:** VS Code, Git, Adobe Creative Suite, Figma, TryHackMe  
**Frameworks:** React, Redux, Next, Ionic, NodeJS, Express, Flutter, MongoDB, PostgreSQL  
**Soft Skills:** Leadership, Project Management, Teamwork

## Experience

### BugBase Security

December 2021 – Present

Front End Developer

Manipal, Karnataka

- Collaborated with team of 5 programmers to raise efficiency by 25%.
- Designed and wrote quality code for developing the latest user-facing features and built reusable components and hooks for future use to increase customer retention by 40%. Migrated the website from ReactJs to NextJs
- Introduced and implemented validation tests for the organization. Participated in all phases of the software development life-cycle including planning, scoping and prioritization.

### Upflux

January 2022 – March 2022

Full Stack Development Intern

Remote

- Migrated the database from MongoDB to PostgreSQL decreasing load time by 40% and data storage by 50%.
- Debugged the application while ensuring cross-platform optimization for mobile phones and responsiveness.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.

## Projects

### Svayam | Next.js, Node.js, IPFS

March 2022

- An e-commerce platform to help Self-help groups sell their products online facilitating a transparent process, made for the **Smart India Hackathon**

### Indusby— B2B portal for listing Industrial waste | Ionic, Firebase, React.js

December 2021

- A mobile-application prototype for the Grand-Challenge hackathon which was a portal to connect contractors to industries and researchers with the aim of maximizing **Industrial-Waste utilization**.

### SexEdify— All things sex education | React, Sass, GraphQL

November 2021

- A full-stack website with the base aim of encouraging quality sex-education and to serve as a safe-haven for all, made with a team of four for the NIT-R Hackathon in 36 hours
- Won Overall Best Hack

## Honors and Awards

- 2nd Women Only Team in InCTF Nationals.
- Received Achievers Scholarship by MIT for being in the top 5% of the branch.
- Overall Winner - HackNITR 3.0
- Best Economics Visualization - Vizathon 2021
- Google Code-in Finalist, '17 '18

## Leadership / Extracurricular

### Girlsript, Manipal

Sep 2021 – Present

Co-founder, Technical Lead

MIT, Manipal

- Established the collegiate chapter of GirlScript with 6 others, with the aim of building a community to broaden gender inclusion in tech and empower beginners with mentorship.

### Project MANAS

May 2021 – March 2022

Member

MIT, Manipal

- Led a team of 5 to design and develop a new website for the team. Used ReactJs to increase front-end performance by 20%.