

JYOTHSNA ASHOK

Jamshedpur, Jharkhand

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jyothsna-ashok

JyothsnaAshok

Portfolio

Education

Manipal Institute of Technology

BTech in Electronics and Communication; CGPA : 8.34

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, Bash, HTML/CSS, JavaScript, SQL

Technical Skills: React, Next, NodeJS, Linux, API Development, MongoDB, Git, Data Structures & Algorithms, TCP/IP Protocols

Soft Skills: Leadership, Project Management, Teamwork, Agile Methodology

Experience

BugBase Security

December 2021 – Present

Front End Development Engineer

Manipal, Karnataka

- Contributed to the BugBase Application based on Next.js and MongoDB
- Increased efficiency by 25%, by migrating from ReactJs to NextJs, while increasing SEO by introducing Server Side Rendering. Also designed and developed REST APIs for their website.
- Introduced and implemented automated validation testing for the organization. Participated in all phases of the software development life-cycle including planning, scoping, programming and prioritization.

Upflux

January 2022 – March 2022

Full Stack Development Intern

Remote

- Worked on the Upflux application based on React and MongoDB and later migrated the database to PostgreSQL decreasing load time by 40 %.
- 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

FlipdApp | Next.js, Solidity, Hardhat, Remix, Polygon, NodeJs, IPFS, MongoDB

July 2022

- An e-commerce NFT Warranty platform which automatically mints an NFT once a product is registered. Includes features like Transfer of ownership, Extension of Warranty, and a chatbot to request repairs/service.

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**

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 (Cybersecurity Competition) 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%.