

# HARSH BARDHAN MISHRA

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## EDUCATION

### Sathyabama Institute of Science and Technology

Junior, B.E. Computer Science and Engineering | CGPA: 9.3

Chennai, Tamil Nadu

August 2018 – Expected July. 2022

## EXPERIENCE

### Major League Hacking

Remote

Explorer Fellow

September 2020 – December 2020

- Participated in 6 Hackathons and build Open-Source projects from scratch over a period of 12 weeks.
- Contributed to domains like Education, Social Good and Game Development using Flask, Godot, Flutter Web and Firebase.

### Qxf2

Remote

Software Engineering Intern

July 2020 – October 2020

- Developed an Internal Survey Application with React, FastAPI, and Neo4j and deployed on EC2.
- Automated the conversion of Quilt to Neo4j and wrote Selenium Scripts to automate Web Application Testing.

### Scholify

Remote

Summer Intern

March 2020 – May 2020

- Developed Blog Interface and User Profile Page with Bootstrap UI at Front-End and Django at Back-End.
- Developed a FAQ Chatbot using IBM Watson Assistant and Angular Front-End.

### GeeksforGeeks

Remote

Technical Content Reviewer Intern

April 2020 - Present

- Tasked to review the Content and Code written on GeeksforGeeks and formatting to make them fit for publishing.

## PROJECTS

### Helping Hands: Winner of MLH Open-Ended Hackathon [Flutter, Flask, Tensorflow]

October 2020

- End-to-End Artificial Intelligence powered Mobile Application to help Visually Impaired People.
- Implemented with Image Captioning, Object Detection, Currency Recognition, SOS and Text Detection Features.

### Qxf2 Survey [React, Neo4j, FastAPI, EC2, Elastic BeanStalk]

October 2020

- Developed a Full-Stack Survey Web Application using ReactJS, FastAPI and Neo4j deployed on AWS.
- Configured Cloud Development Solutions using EC2 and Elastic Beanstalk with Github Action as CI/CD Tooling.

### NewsFresh: Runner-Up at Hack Infinity 2.0 [Django, Scikit, NLTK, Bootstrap, MySQL]

March 2020

- Developed a Fake News Detector Application which uses Natural Language Processing to detect Fake News.
- Implemented Machine Learning Models using Scikit and NLTK and developed RESTful APIs for integration.

### Algorithm Visualizer [React, Next, Styled Components]

July 2020

- Developed a React and Next based Visualizer to visualize Graph Algorithms like Dijkstra and A\* Search.

## RELEVANT SKILLS

### Languages:

Python | C++ | Javascript | Java | SQL | Javascript | HTML/CSS

### Frameworks:

Django | Flask | FastAPI | React | Tensorflow | Scikit | Express | NodeJS

### Platforms:

Linux | Web | Windows | Amazon Web Services | Google Cloud Platform

### Tools:

Git | MySQL | SQLite | Neo4j | Selenium | Firebase | Docker | CI/CD

### Other Skills:

Content Writing | Public Speaking | Communication | Team-Work | Management

## VOLUNTEER EXPERIENCE

### Technical Lead at Developer Student Club

Lead and Managed the Technical Community at DSC-Sathyabama.

### Microsoft Learn Student Ambassador

Organized events and delivered sessions reaching over 10,000+ Students.

### Open-Source Mentor

Mentored Developers at OpenMined, SLoP, SCI, PSoC and HakinCodes.

## AWARDS AND ACHIEVEMENTS

### Hackathons:

MLH Fellowship Sprint 0 Winner | Hack4Good Runner-Up | Hack Infinity 2.0 Runner-Up

### Competitions:

Winner at Coding Competition by School of Computing | Google Cloud Platform Champ

### Communities:

Microsoft Student Partner | Microsoft Learn Student Ambassador

### Scholarships:

Bertelsmann Tech Scholarship | Intel Edge AI Scholarship | Nutanix Hybrid Cloud Scholarship