Harsh Bardhan Mishra

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EDUCATION

- **Sathyabama Institute of Science and Technology** — Chennai, India
  Bachelor of Engineering - Computer Science and Engineering; CGPA: 9.3 — *August 2018 - July 2022*
  Courses: *Data Structures and Algorithms, Database Management, Microprocessors and Micro controllers, Java, Programming in C, Object Oriented Programming, Engineering Mathematics*

SKILLS SUMMARY

- **Languages:** C, C++, Java, Javascript, Typescript, Python
- **Frameworks:** Scikit, NLTK, Tensorflow, Selenium, Keras, Django, Flask, Express, React
- **Tools:** Docker, Git, MongoDB, MySQL, SQLite, Neo4j, Selenium, Firebase
- **Platforms:** Linux, Web, Windows, AWS, Google Cloud Platform, Azure
- **Soft Skills:** Leadership, Event Management, Content Writing, Public Speaking, Time Management

EXPERIENCE

- **Qxf2** — Remote
  Software Engineer Intern — *July 2020 - October 2020*
  - **Automation and Testing**: Implemented Automation-Scripts for Web Application Testing using Selenium.
  - **Survey Application Development**: Developing Survey Application with React, Flask and Neo4j as Graph Database.

- **Scholify** — Remote
  Summer Intern — *March 2020 - May 2020*
  - **Web Application Development**: Developed Blog-Page and Profile Page with Bootstrap UI at Front-End and Django at Back-End.
  - **Chat-Bot Development**: Developed a FAQ Chatbot using IBM Watson Assistant and Angular Front-End.

PROJECTS

- **MargSetu - Recommendation Engine to recommend Massive Open-Online Courses**: Developed an end-to-end Machine Learning Application to recommend Online Courses on Coursera. Tech: Python, Flask, RESTful API, Requests, Gensim (July '20)

- **GraphViz - React Visualizer to visualize Graph Algorithms (Work in Progress)**: Developed a React and Next based visualizer to visualize Graph Algorithms like Dijkstra and A* Search. Tech: Typescript, React, Next, Styled Components. (May '20)

- **NewsFresh - Machine Learning and Crowdsourced Application to detect Fake News**: Developed a Fake News Detector Application which uses Natural Language Processing and Crowdsourcing to detect Fake News. Tech: Django, Bootstrap, JQuery, Scikit, MySQL (February '20)

- **Yukta - Android Application to track Calorie Intake**: Developed an Android Application to track Calorie Intake for the purpose of Diet Management. Tech: Android, SQLite, Java, Justinmind (December '19)

OPEN-SOURCE CONTRIBUTION

- **Top-Performer in JIIT Month of Code**: Contributed to Scripts 2 Code and was adjudged the Top-Performer. (February'20)

- **GirlScript Summer of Code**: Contributed to 6 Projects in Algorithmic Development, Conversational AI and Data Modelling and was ranked 59 across thousand of Participants. (May '20)

- **PClub Summer of Code (Ongoing)**: Mentoring Student Developers on Natural Language Processing, Data Modelling and Automation Script Development. (May '20)

HONORS AND AWARDS

- Microsoft Student Partner 2020-21
- Runner-Up at Hack Infinity 2.0 National-Level Hackathon organized by Devfolio and DCEI - DAIICT
- Runner-Up at Hack4Good Hackathon organized by School of Computing and DSC-SIST
- Winner of Sathyabama Institute of Science and Technology Coding Competition organized by School of Computing

VOLUNTEER EXPERIENCE

- **Educational Team Manager** — Tesseract Coding
  Conducting Online Workshops & training Students in Project Development and Open-Source. — *June 2020 - Present*

- **Microsoft Learn Student Ambassador** — Microsoft
  Organized events, conducted workshops and delivered sessions reaching over 1000+ Students. — *Jan 2020 - Present*