

# MUSKAN GUPTA

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## EXPERIENCE

### Software Engineer (Core team) - SproutsAI

📅 Aug 2022-Nov-2022

📍 Remote, US-Based

- **Built** various parts of the website based on **Figma wireframes** in **ReactJS**.
- Developed bot and **transcription** using amazon transcribe from scratch.
- Worked on **Amazon web services** primarily focussed on **Amazon quicksight** for visualization purposes.

## PROJECTS

### Grievance redressal system (Govt. of Andhra Pradesh)

[Demo] [Source Code]

- Engineered a **multi-tier RBAC-based decentralised statistical dashboard** for different stakeholders leading a team of 4 members under the guidance of 2 industry mentors.
- Built **mass petition** with **voting System** and **grievance categorization feature**.
- Developed **User Authentication** and registration service along with **Anonymous** user capabilities.
- Implemented all **CRUD** features for grievance filing, redressing, updating status and deletion.
- Tech Stack : HTML, CSS, Bootstrap, PHP, MySQL.

### ----- PeerCoder - Real-time collaborative code editor

- Engineered the real-time synchronization and **collaboration** feature for multiple users using **Socket.IO**
- Built an in-app editor with autocomplete features using **Codemirror**
- Users can **create** or **join** a coding room and code **together** in real-time and the editor will **auto-sync** their codes.
- Tech stack: ReactJS, Node.js, Expressjs, Socket.io.

## ACHIEVEMENTS

### Startup Bihar Incubation programme

- Got selected for proposing an innovative idea for pre-incubation under Startup Bihar policy 2017.Out of **13,000** participants.
- Attended Incubation programme at IC-IIT Patna for Idea Selection under StartupBihar.

### ServeSeek - A Social Initiative

- Executed a social startup leading a team of 6 where we approached 100+ colleges all over India and acquired 1400 hits on the Website on the first day of launch

## TECHNICAL SKILLS

- **Programming Languages:** C, C++
- **Problem Solving Skill:** Data Structures and Algorithms
- **Web Technologies:** HTML, CSS, Bootstrap, PHP, MySQL.
- **Tools:** Github, CMD, VS Code.
- **Other important skills:** Googling, Figuring out.

## PROBLEM SOLVING

- Solved **500+** DSA problems on various coding platforms.

## HACKATHONS

### Massachusetts Institute of Technology Hackathon - Winner [Demo]

- Won among **2300+** participants from **100+ countries**
- Designed innovative solution for **combating misinformation** with an international team.

### Smart India Hackathon - 2xFinalist

- Selected in **top 5 teams** among **600+** participants from all across the country for developing a solution for Govt. of Andhra Pradesh.

### GHCI Codeathon - Finalist Category Winner

- Selected out of **1500** participants in GHCI Codeathon.

### Myntra Hackerramp - Finalist

- Developed solution for Collaborative shopping experience through **Augmented Reality**. Was in top **32 teams** out of **6245** applicants

### Covid-19 Virtual Hackathon - Runner up

- Organized at State level

## EDUCATION

- B.Tech. (CSE) - 8.3 CGPA

Darbhanga College of Engineering  
Aryabhatta Knowledge University

📅 2018 - 2022

- Bihar School Examination Board

Raja Ram Shah College  
Intermediate in PCM

📅 2016 - 2018

- CBSE, India

KHW English Medium Mission School  
Matriculation [9.6 CGPA]

📅 2016

## KEY COURSES TAKEN

- Data Structures and Algorithms
- Operating System
- Database Management System
- Object-Oriented Programming