KOMAL BHATIA

Faridabad, Haryana

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Education

J.C. Bose University of Science and Technology, YMCA Faridabad	**December 2020 - July 2024**
*B.Tech in Computer Engineering (with Specialization in Data Science) (CGPA of **9.259**)*	*Haryana, India*

Experience

Coding Ninjas	**October 2022 – February 2023**
*Technical Blog Writer Intern	Certificate*	*Haryana, India*

- Contributed **40+** comprehensive articles rich in SEO on technical topics such as Data Structures Algorithms, Python, Commands in SQL, Machine Learning, etc.
- Collaborated on ideas in weekly meets on taking initiatives for the betterment of the company.
- Sample blogs: DUAL in SQL, TCL Commands in SQL, Bag of words in NLP, Python Syntax.

J.C. Bose University of Science and Technology	**November 2022 – January 2023**
*Frontend Developer	Certificate*	*Haryana, India*

- Worked as a Frontend Web Developer in the university's Website Development Team.
- As part of my role I contributed to the development of the landing page, faculty page, and department page in Next.js Technology.
- Effectively communicated with the design and backend teams to build a seamless web application.

Projects

Caption it Up | *Flask, Python, Machine Learning* | Github

- Flask and Machine Learning Integrated website to provide captions for uploaded images.
- Built on the RESNET50 model, a Convolutional neural network. Pre-trained on ImageNet-1k dataset.
- **Sound feature** is implemented to output the captions in sound form for **visually impaired** people.

Stolen Beauty (Formerly Art Heist) | *React JS, Node JS, Express JS, MongoDB* | Github

- A unique website that combines the treasure hunt game with the **psychological evaluation** of the user's soft skills.
- Based on MERN Stack. Uses React.js for the Frontend, Node.js, Express.js for the Backend, and MongoDB for Data storage and Authentication.

Shortcut with Voice | *Python, Tkinter* | Github

- Voice-based python software which outputs the shortcut requested by the user in the sound form
- Uses **Python Speech Recognition Library**.

Technical Skills

Languages: C++, SQL, JavaScript, Python, HTML/CSS

Technologies/Frameworks/Libraries: ReactJS, NodeJS, Python Libraries, Flask, Machine Learning, Hadoop, Git

Core Subjects: Data Structures and Algorithms, DBMS, Object Oriented Programming, Operating System, Computer Networks, Data Mining, Data Analysis, Big Data

Achievements

- Qualified for Round 2 of **Google Girl Hackathon**
- Solved more than **800** problems of Data Structures and Algorithms.
- Written over **40** articles on various technologies including SQL, NLP, Python, etc.
- Qualified many rounds in hackathons like TVS Credit E.P.I.C. IT Challenge, WebKnight

Profile Links

- Leetcode
- HackerRank
- GeeksforGeeks
- Coding Ninjas