Namratha Shivaraju

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SKILLS

PROGRAMMING - C, C++, Python, React Js, HTML, CSS
TECHNOLOGIES - Figma, GIMP, InkScape, OpenCV
OTHERS - UX Design, Software Engineering, Web & App Development, Leadership, Teamwork, MySQL, REST API

EDUCATION

August 2018 - July 2022

Bachelor Of Technology in Computer Science

Indian Institute of Information Technology (IIIT), Dharwad (DWD), Karnataka, India

CPI - 7.94

July 2015 - May 2018

High school

Venkat International Public School, Bengaluru, Karnataka, India

Class 12 - 84.9%

Class 10 - 10 CGPA

EXPERIENCE

January 2022 - Present

Deloitte Application Studio (DAS) Intern

Deloitte USI, Bengaluru, Karnataka, India

May 2021 - July 2021

Web Developer Intern

Airports Authority Of India, Bengaluru, Karnataka, India

Development of web interface to send messages through GAGAN (GPS Aided GEO Augmented Navigation) messaging services using Java, HTML, MySQL, and CSS.
(LOR)

May 2021 - July 2021

UI/UX Designer and Software Developer Intern

IsoPort Chamber Private Ltd, Mumbai, Maharashtra, India

IndiaConnects-development of a social networking platform using React JS, Material UI, Figma, Firebase, and InkScape.
(LOR)

PROJECTS

- **Large Scale Movie Description**

  A model to automate the generation of audio descriptions. Concepts used - ID3 feature extraction, ResNet 152, LSTM, GRU.

- **Porting Hindi ASR model using raspberry pi 3**

  The ASR model is TDNN (GMM-HMM baseline) model, trained to recognize and convert the Hindi Language to text. Voice activity detection and direction of arrival were implemented.

- **BitQueen - Creating CRYPTOCURRENCY and selling it online**

  On the Ethereum blockchain, a cryptocurrency, a token sale smart contract, a token sale website, an ERC20 token with the smart contract was created to hold an ICO and allow users to sell and purchase tokens.

- **Automatic face-recognition attendance application**
  - A software (compatible with both, pc and mobile) to take attendance by scanning the classroom with the help of an external camera.
  - The technologies used - OpenCV and python.
  - After the scan, a text file is generated with name, roll number, date, and attendance status.

LEADERSHIP AND AWARDS

- **MIT India Initiative for Design, Technology, and Social Innovation Workshop** - One of the top 300 students across India to be selected for this workshop in the Investigation and Journalism track.

- **MTA: Introduction to Programming Using Python** - Certified 2020, issued by Microsoft.

- Member of Entrepreneurship cell (E-cell), IIIT DWD (2018-2021)

- President of Dance Club - Cultural Committee, IIIT DWD

- Received a Junior Certificate in Bharatnatyam (an Indian dance form) and Classical Music issued by the State Government of Karnataka.

- Secured Top 10% in Google Hash Code 2021

- Participated in WISDOM 18.0 conducted by School Of AI.

- Member of GirlScript Hubli-Dharwad (2020)

ADDITIONAL INTERESTS

Dancing, Singing, Digital Art, Painting, Designing, Learning new language (presently learning Japanese)

LANGUAGES

English, Kannada and Hindi