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NAMRATHA SHIVARAJU

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Seattle, WA

EDUCATION

UNIVERSITY OF WASHINGTON

Seattle, WA

Master of Science in Technology Innovation - MSTI

06/24

An eighteen-month interdisciplinary graduate program integrating technical expertise, design thinking skills, and project-team experience to succeed in large tech companies, high-growth start-ups, or their own ventures

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), DHARWAD

GPA – 8.14/10

Dharwad, KA

Bachelor of Technology – Computer Science

08/22

- **Leadership:** President of Dance Club – Cultural Committee (1/50+), Member of Entrepreneurship Cell (15/400+)
- **Achievements:** 1/300 students to be selected from across India for MIT India Initiative for Design, Technology and Social Innovation in Investigation & Journalism Track; Top 10% in Google Hash Code 2021;

EXPERIENCE

DELOITTE USI

Bangalore, KA

Digital Application Studio (DAS) Intern

01/22-06/22

- **Software Development:** Developed management website for Deloitte. Implemented beacon technology to introduce a module aimed to manage finances, allow employees and admins to generate alerts, and real time update of alerts solved or created (time – every 2 seconds)
- **Communication Skills:** Attended daily meetings with senior management to discuss blockers, presented design solutions & recommendations and obtained approvals for implementation
- **Technology Used:** Angular.JS, C#, SASS, .NET framework, Kendo UI

AIRPORTS AUTHORITY OF INDIA

Bangalore, KA

Web Development Intern

05/21-07/21

- **Software Development:** Developed web interface to communicate and track real-time broadcasted messages for natural disasters & weather data between GAGAN (a space-based augmentation system by Government of India) and various weather forecasting agencies. Implemented secure password storage & session cookies for logging
- **Initiative:** Volunteered to lead group of interns in virtual mode. Communicated and allocated tasks to members to deliver product before deadline. Trained the team with emerging tools to reduce effort
- **Technology Used:** Apache Tomcat, JAVA 8 Servlets, MySQL, HTML, CSS, JS

ISOPORT CHAMBER PVT. LTD.

Mumbai, MH

UI/UX Designer and Software Development Intern

05/21-07/21

- **User Research:** Conducted user research and mapped user's thoughts, needs and behavior for searching Covid-19 facilities and assistance online. Identified key fields for user input, output and information;
- **UI / UX Design:** Designed wireframe and developed user-generated content webapp to enable users post and find information regarding Covid-19 and available resource i.e., blood donors, ventilators, hospital beds etc., in their nearest location. Technology: Figma, InkScape, React, and firebase.

ACADEMIC PROJECTS

- **Analysis and detection of money laundering on bitcoin blockchain using AI and ML techniques:** A comparative study of various supervised learning algorithm was done to predict illicit transactions in the Bitcoin blockchain network. Conclusion- Boosting algorithms outperform traditional algorithms. Dataset – Elliptic dataset
- **Large Scale Movie Description:** A model to automate the generation of audio descriptions of any movie. 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. Implemented voice activity detection & direction of arrival
- **Bit Queen** – Created own crypto token and set up token sale on the Ethereum block chain. Implemented a token sale website, ERC20 token with the smart contract 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