Sumit Debnath

Third Year Undergraduate Student

in sumit-debnath-551804112 | ✉ sumitdebnath913@gmail.com | ⊞ sumitdnath | 🔗 sumitd913 | 📞 +91-700-560-0684

Education Details

JC Bose University of Science and Technology, HR
B.Tech, Information Technology
June 2020 - July 2023 (CGPA: 9.01)

Aditya Institute of Technology, Delhi
Diploma, Computer Engineering
June 2017 - July 2020 (CGPA: 9.37)

National Institute of Open Schooling, Delhi
XII, NIOS
April 2016 - May 2018

Work Experience

UX/UI Team Lead Intern   May'21 - Aug'21
Youth India E-School.   Pune, India

- Worked with the India's fastest-growing E-Education company under the internal **design branch** team.
- Analyzed my team, let them use their strengths, provide clear direction and establish a clear schedule.
- Structured user flows, wire-frames, prototypes and mockups using **Adobe XD** and **Figma**.
- Designed UI elements such as **complete page design, input controls** and informational components.
- Worked closely with the leadership team to devise **data-driven strategies** and improve the process efficiency.

Front-End Developer Intern   Feb'21 - May'21
Youth India Foundation.   Pune, India

- Developed new user-facing features using React.js
- Built reusable components and front-end libraries for future using **Material UI**.
- Optimized components for maximum performance across a vast array of web-capable devices and browsers.
- Executed a flexible and well-structured architecture, along with the **APIs** to support it.
- Work and collaborate with the rest of the **engineering team**.

Android Developer Intern   Jan'20 - Mar'20
Mobirizer Services Pvt. Ltd.   Delhi, India

- Mobirizer is a new-age software development and design lab that delivers cutting-edge products for customers **globally**.
- Built an real-time convey information system android app, using google cloud messaging API.
- Created and maintain high performance, reusable, and reliable **java code**.

Relevant Skills

Programming Languages	C/C++, Java, HTML, SQL, Python, JavaScript.
Software and Libraries	OpenCV, TensorFlow, Numpy, Keras, Pandas, Nampy, MediaPipe, Node.js, Flask, Express.js, React.js, Git, MongoDB, MATLAB.

Relevant Projects

CovAid   Apr'21 - Jun'21
github.com/sumitdnath/CovAid

- Built an **interactive web app** which can precisely detect covid disease a particular patient have by scanning the **X-Ray/MRI** with the help of deep learning models
- Used **NLP** to achieve the detection the covid-19 and the web app more user-friendly than existing technologies.
- Successfully trained models on **tensorflow** and **CNN** for real-time object detection.

Facomatic   Dec'20 - Feb'21
github.com/sumitdnath/Facomatic

- Predicts whether a person is wears a **Face Mask** or not.
- Developed a novel **object detection** method that combines three-stage detectors for accurately detecting the object in **real-time** with **transfer learning** algorithm at the back end.
- Tracked the face movement and calculated different parameters like **face size, orientation, translation** etc.

Lifegenics   Oct'20 - Nov'20
github.com/sumitdnath/Lifegenics

- Built **AR** and deep learning-based application to aid people using smoother medication intake & help against **misdiagnosis**.
- It can definitively distinguish what kind of illness a specific patient have by examining the **X-Ray/MRI** with the assistance of deep learning models.

SocialVerse   Feb'20 - Apr'20
github.com/sumitdnath/SocialVerse

- Developed an android app combined with real-time chat with one-to-one and group chat, media sharing, and active user status, DP changer, delete chat, etc.
- Users can regulate assortment of emojis to make discussion more fascinating.
- Utilized **firebase** as database & **Google API** for authentication of each user.

Estimatza   Sep'18 - Dec'18
github.com/sumitdnath/estimatza

- Develop an application to identify multi-individual **framework** to mutually recognize human body, hand, facial and foot keypoints.
- Utilize **MediaPipe** for high-fidelity body pose tracking.

Achievements

- Secured best grades and **toped** in computer engineering branch of class 2020 across Delhi, IN.
- Achieved **elite plus silver** certification for IOT 4.0 program led by **NPTEL** from IIT madras
- **Earned** LOR from youth E-School for in charge of UI/UX team lead and frond-end developer as intern.
- Graduate from **Binance** for NFT teaching program and earned **NFT genius badge** #cryptocurrency.
- Acquired rank of #366 in International Informatics Olympiad (IIO) 2020.