ADITYA KAPSE

Mumbai, Maharashtra

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Education

Ramrao Adik Institute of Technology   **August 2018 - May 2022**
Bachelor of Engineering in Electronics and Telecommunication(CGPA of 8.15)   *Mumbai, India*

Experience

Jio   **July 2022 – Current**
Software Engineer   *Mumbai, India*
- worked on the Mediaplayer website's core development. a website made specifically to offer Jio's video player. Added capabilities that allow the user to engage and customize the player for their needs. Technologies used React.js, Highlighter.js, SASS,JDS
- worked on the research and development of the 360-video feature, which lets users stream and interact with video in 360 degrees. Technologies used: Three.js, Vanilla.js
- Contributed to the development and maintenance of Feature phone JioTv product which has **1M+** active users daily. Technologies used React.js, jquery, and sass.
- worked on the Research and development of JioTV web app for Samsung and LG TV's. Technologies used React.js,spatial navigation,tizen and webOS
- Contributing to development of Hosted JioTV+ OTT media-hub app for Samsung and LG TV's, which lets user play contents from different apps in unified place.

Exposys data labs   **May 2021 - June 2021**
Web developer intern   *Mumbai, India*
- Worked on the development of an E-commerce web Application using MERN stack.
- Studied user requirements and built solutions for those requirements and Implemented Solutions into writing production-ready code.

Projects

Amazon-clone | *React , Express.js , Nodes.js ,Firebase* | link
- Created a multi-page website that resembles Amazon using React.js for the front end, Express.js, Node.js for the back end, and Firebase for the database.
- Added user registration and authentication functionality as well as payment processing through the Stripe API and features like a dynamic basket

Smartbrain | *React.js , Node.js , Express.js ,PLSQL* | link
- A web application that uses machine learning to find faces in images. React.js and particle.js are used to create a dynamic front end, and Node.js, Express.js for the backend and relational PLSQL for the database.
- Added user registration and authentication as well as added counting system which tells how many times the user detected faces using this app. Developed frontend and backend separately and deployed them on Heroku.

Attendance System using Face recognition | *python , opencv* | link
- Developed an automated attendance system using face recognition and OpenCV.
- It takes real-time video as its input, extracts the faces from it, and then compares those faces with faces recorded in a database.

Technical Skills

Languages: Python, JavaScript, Typescript,HTML, CSS, Java, SQL

Technologies/Frameworks/Libraries: React.js, Angular.js, Node.js,express.js, Three.js, Sass,bootstrap,Git,Npm,Github,Jquery,JDS,tizen,Webos

Achievements and Research Work

- Published a research paper on "Face recognition attendance system using HOG and CNN algorithm" at ITM Web Conf. 44 03028 (2022) - link
- IEEE -2019 Non Technical Event winner Collaborated with team to Design and manage the event for IEEE and won the best non-technical event award
- contributing actively to many open source projects

Certificates

- The Complete Web Developer
- Data Structures and Algorithms
- complete Python Developer