

# AVATAR AANG

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## EXPERIENCE

### Software Engineer Intern

August 2021 – present

Company X

Bangalore, India

- Work as part of a front-end team to build cross-platform, responsive retail banking and investment applications using JavaScript.
- Migrate the applications to the new architecture, improving load time and performance by 20-30%. Overhauled the application UI, delivering new features, and resolved issues as part of continuous integration and delivery.

### Back-end Web Developer Intern

November 2020 – January 2021

Company Y

Delhi, India

- Wrote modern and performant code using the Django web framework for scheduling social media posts.
- Integrated Twitter API and Facebook Graph API in web apps for monitoring engagement and set up Cron jobs. Optimized system performance as compared to old PHP code-base.

## PROJECTS

### QKart: e-commerce website | React.js, Express, MongoDB

- An end-to-end e-commerce website. Users can create account and browse various products.
- Key features of the application include searching items by keyword, adding and removing items from cart and checkout service on given address.
- Used Node.js & Express to build REST APIs and passport.js for JWT token-based authentication. Frontend was built using React.js.

### XFlix: Youtube Clone | React.js, JavaScript

- A responsive video sharing platform which hosts videos and allows users to upload their own videos. Users can also like/dislike videos.
- Other features of the application include filtering the videos based on content-rating/age, views, genres and keyword based search.
- The application was built using React.js with Hooks and Context-APIs for state management and theming.

### AI-powered Photo Gallery | Django, JavaScript, PostgreSQL, and Azure cognitive services

- It is a web-based photo gallery. Users can upload their pictures for online-backup by creating accounts.
- The key feature of the application is that it detects and recognizes the faces of different people in a picture. The pictures are sorted in albums based on different faces identified.
- Used Azure Cognitive Service SDK for Face Detection and Recognition and Django for web-app.

### Travel Website | HTML5, CSS, Bootstrap, and JavaScript

- A responsive website built using Bootstrap where users can discover cities and explore popular destinations.
- Users can choose from different activities in a destination based on filter. Upon selecting an activity, they can read more about it and make reservations.

### Flack: Chat and File-sharing | Flask, Web-sockets, HTML5, CSS

- It is an online, real-time messaging service using Flask and web-sockets, similar to Slack.
- Users can create channels (i.e. chat rooms) to communicate in, as well as see and join existing channels. In a channel they can message and upload files.

## TECHNICAL SKILLS

|                          |                                                        |
|--------------------------|--------------------------------------------------------|
| Languages and Databases  | C++, JavaScript, Python, HTML, CSS, Java, SQL, MongoDB |
| Libraries and Frameworks | React.js, Redux, Django, Flask, Node.js, Express       |
| Tools                    | Figma, Linux, Git/GitHub, Postman, Docker, AWS, Azure  |

## EDUCATION

### Bachelor of Engineering, Computer Science

August 2017 – August 2021

Birla Institute of Technology - Pilani (BITS)

CGPA: 8.55

### Senior Secondary - XII / HighSchool

May 2016 – June 2017

Kendriya Vidyalaya No.1, Jalahalli West

Percentage: 93.4%

## CERTIFICATIONS / OPEN-SOURCE CONTRIBUTION / COMPETITIVE-CODING PROFILES

Design and Analysis of Algorithms - NPTEL : <https://youtu.be/1vl7BlNWVgc>

Data Analyst Nano Degree - Udacity : <https://youtu.be/1vl7BlNWVgc>

Databases and SQL - Coursera : <https://youtu.be/1vl7BlNWVgc>

## ACHIEVEMENTS

- Secured All India Rank of 1896 out of 200K participants in Famous Coding Comp.
- Second runner-up in college in ABC Hackathon All India contest.
- Lead Speaker in Tech Conference conducted by Google Developer Students Club.