
EDUCATION

Podar International School, Kalyan 10th Board ICSE (92.2%)	2017
Pace Science Junior College, Powai 12th Board HSC (68.5%)	2019
Maharashtra Institute of Technology, Pune Btech in Computer Science and Technology (CGPA: 8.03)	2023

PROFESSIONAL EXPERIENCE

Dhealth Foundation**Feb 2022 - July 2022****Software Developer, Intern**

Dhealth File System(DHFS)- A decentralized file storage system.

- Built a file storage system on the Dhealth Blockchain.
- Used IPFS (Interplanetary File System) to store file data and tracked content ID (CID) returned by IPFS for every file using the blockchain.
- Announced 0 fee transactions on the blockchain with the CID as its message payload to track the files.
- Users could log in to their wallets using a mnemonic and upload, download, and share files.
- Leveraged knowledge in git for version control, nodeJS for the backend, and reactJS for the web app

Wyzr**Software Developer, Intern****Sept 2022-Mar 2023**

- Performed data migration from raw Excel sheet to Cosmos DB for MongoDB in Azure.
- Redesigned database schema to eliminate redundancy and reduce the storage cost by 80%.
- Implemented Google login in the existing authentication system using Next-Auth.
- Worked with AWS CDK and Serverless to use infrastructure as Code(IAC) to configure tests and deploy resources.
- Worked with GitHub Actions and Azure App Service to set up an isolated development environment.
- Leveraged knowledge in AWS and Azure for cloud infrastructure, git for version control and automation, nodeJS for the backend, and NextJS for web tooling.

SOFTWARE PROJECTS

Motion: A project management tool

- Developed a web app using ReactJS and NodeJS that allows coordinators to manage students and guides to conduct mini-project coursework at our university smoothly.
- Features include student/guide data upload, authentication(cookies+OTP) , project idea proposal, time scheduling of presentation, commit and task tracking.
- Leveraged knowledge of git for version control, Reactjs for frontend, and MongoDB(mongoose) for database and express for APIs

MeetScript: A meet transcriber webapp [<https://github.com/AdityaSolanki189/meet-transcriber-webapp>]

- Developed a web app that allows users to log in, make a group, and generate a transcription of the virtual group meeting.
- After the group is formed, the group admin can start the voice recording of the meeting. Voice data from all participants is taken as input and once the meeting ends, the transcription of the meeting according to the time stamp is available.
- Transcription of the user meetings is stored in the database and can be accessed anytime.
- Leveraged the use of browser speech-to-text API to generate the transcription and stored it in the database in real-time.
- Utilized ReactJS, Firebase(Cloud Storage), and WebSpeech API.

ACHIEVEMENTS

- Runner up at CodeBreak 4.0 2023- a national-level hackathon where we developed an efficient solution for the management of spare parts for Ashok Leyland.
- Global rank 40 in Codechef lunchtime challenge-EXUN 2021-22
- Won the best major project award for Motion in Btech.

TECHNOLOGY

- Languages: Typescript/Javascript, JAVA, C++
- Frameworks/Libraries: ExpressJS, ReactJS, NextJS, Mongoose, Android SDK
- Database: MongoDB, DynamoDB, CosmosDB, MYSQL
- Cloud: AWS, AZURE, GCP, Serverless