

Chinmay Kunkikar

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EDUCATION

- University of Mumbai** Mumbai, India
M.Sc. Computer Science; CGPA: 9.04/10
June 2019 – May 2021
Related coursework: Cloud Computing
- Savitribai Phule Pune University — MIT College** Pune, India
B.Sc. Computer Science
June 2015 – April 2018

SKILLS SUMMARY

- Languages:** JavaScript ES6, TypeScript, HTML, CSS, SQL, Python, Shell scripting
- Frontend (Web):** React.js, Next.js, React Redux, TailwindCSS, Bootstrap, MaterialUI
- Backend (Web):** Node.js, MongoDB, MySQL, PostgreSQL
- Other tools:** Webpack, Git, Amazon S3, AWS Amplify, AWS Lambda, Figma, Docker, Postman

CERTIFICATIONS

- AWS Academy Cloud Foundations** April 2021
Amazon Web Services Training and Certification

WORK EXPERIENCE

- MetaBrainz Foundation, California, USA** Remote
Frontend Web Developer — **Fresh Releases** ([live demo](#)) ([experience blog](#))
June 2022 – November 2022
 - MetaBrainz offered me a unique internship position based on my Google Summer of Code project proposal ([recommendation letter](#), [participation blog by MetaBrainz](#))
 - Designed and developed ListenBrainz's Fresh Releases page using ReactJS, improving the discoverability of over 3 million music releases from the MusicBrainz database.
 - Implemented filters to sort among 15 release group types to simplify the user experience.
 - Optimized the UI for multiple screen sizes and utilized virtualization techniques to enhance rendering performance for large numbers of DOM nodes.
- Steinn Labs, Pune, India** Remote
Web Development Intern
March 2021 – August 2021
 - Implemented an internal URL shortener API and integrated it with the frontend to simplify the process of sharing property listings for customers.
 - Collaborated with a team of four to build UI components for a property listings portal utilizing ReactJS and Redux store to handle states, while incorporating relevant reducers.
 - Extended and added new APIs using ExpressJS to the backend and worked with the team to include data validation support in the API response.

PROJECT EXPERIENCE

- Vide — A Video on Demand platform using AWS** April 2021 – June 2021
ReactJS, AWS Amplify, Amazon S3, AWS Lambda ([live demo](#)) ([source](#))
 - Deployed Vide, a ReactJS web application, on AWS Amplify with user management, authorization, and video management capabilities.
 - Developed a cost-effective transcoding solution using *ffmpeg* to emulate the functionality of AWS MediaConvert and create an Adaptive Bitrate (ABR) ladder for uploaded videos.
 - Leveraged AWS Lambda function to convert and upload videos to S3 buckets using the transcoding solution.
 - Utilized the Video.js library to optimize video playback based on the user's screen size and network quality by leveraging the HTTP Live Streaming (HLS) protocol.
- Jobist — A job portal application** March 2018
JavaScript, jQuery, PostgreSQL, Git
 - Developed a job portal web application with responsive UI using JavaScript, jQuery, and PostgreSQL as the database management system.
 - Implemented role-based authentication for admin, employers, and applicants to ensure secure access and control over the application's features and data.

EXTRA CURRICULAR EXPERIENCE

- Senior Member and Contributor, XDA Developers** 2014 – 2017
I collaborated with a team of six to develop [MinimalOS](#), a custom Android ROM that fostered a community of more than 2000 enthusiasts from different countries.
- Second place at Spectra 2k16** September 2016
Developed a prototype of *Material Guidelines*, an Android app with four features: component spec sheet, color palette generator, icon catalogue, and UI Inspiration Gallery for app designers and developers to follow Google's Material Design principles, earning the 2nd prize in a 24-hour college hackathon.