

ARAVIND D

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EXPERIENCE

L&T TECHNOLOGY SERVICES | SOFTWARE ENGINEER

March 2021 - Present | Bengaluru, India.

SYNAMEMEDIA SMART-TV-APP DEVELOPMENT: (1 Year, 7 Months)

- Developed reusable React components shared across 6 clients with unique UIs within a single codebase.
- Revamped UI of Astro-Smart-TV app, enhancing user experience.
- Optimized app performance by reducing initial load time by 2 seconds.
- Implemented localization for multiple languages, including Hebrew (r-t-l support).
- Developed vertical scrolling component capable of managing thousands of contents with optimal DOM rendering.
- Worked on API migrations and implemented enhanced search screen with voice module for seamless user interaction.
- Implemented QR Code based Authentication module for easy login.
- Enhanced UX by implementing audio codec fallback feature in **dashJS** Player.

ZEE5 SMART-TV-APP DEVELOPMENT: (1 Year, 2 Months)

- Developed robust subtitle feature that enabled the client to control text related settings from back-end, resulting in customizable viewing experience.
- Resolved several issues in **Shaka** player to ensure smooth playback and optimal user experience.
- Implemented content selection screen for series, with multiple buttons and organized episode list, enhancing user engagement and retention.
- Revamped menu component and enabled back-end control of menu items.

L&T TECHNOLOGY SERVICES | INTERN

November 2020 — March 2021 | Bengaluru, India.

LIGHTNINGJS.IO OTT-APP DEVELOPMENT: (3 Months)

- Created templates utilizing LightningJS to accelerate development processes.
- Implemented UI for Video Player using LightningJS API.
- Integrated APIs and optimized performance by minimizing the number of API calls.

OPEN SOURCE

- Debugged and contributed to a fix in **facebook/react** codebase, addressing a missing attribute in the SVG HTML tag ([PR #26130](#)).

PROJECTS

- Developed back-end for a Chat Application with **NodeJS**, **MongoDB**, **Socket.io**, and integrated **AWS** services such as **S3**.
- Authored an NPM package, react-svgmap-india, bundled with **Rollup**.
- Developed YouTube Clone with YouTube API, React, **Typescript**, **TailwindCSS**.

EDUCATION

PSG COLLEGE OF TECHNOLOGY

B.Tech in Information Technology
2016-20

LINKS

github.com/arav-ind

COURSEWORK

- Data Structures and Algorithms
- Operating Systems
- Web Technologies
- Software Engineering
- Networking
- Cloud Technologies

SKILLS

PROGRAMMING

- JavaScript
- TypeScript
- HTML / CSS
- Java
- C / C++
- C#
- Shell Scripting
- SQL

TECHNOLOGIES

- ReactJS
- NextJS
- NodeJS
- Angular
- Git
- Linux
- TailwindCSS
- Docker
- AWS
- Spring/SpringBoot