

VJS Pranavasri

Software Engineer | OS Developer

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EXPERIENCE

APPLE | SOFTWARE ENGINEER, ICT 2
July 2024 - Present | Hyderabad

- Creating and enhancing the internal systems at Apple.
- Working in the operations team to ensure all systems are up and running with new features that align with business requirements.

THINKSKILL | BACKEND DEVELOPER INTERN
Feb 2023 - May 2023 | Remote

- Engineered a comprehensive backend system for restaurant order and tip management.
- Utilized MySQL, Express, and Node.js for system implementation.

VIRTUAL LABS | SOFTWARE DEVELOPER INTERN
May 2021 - July 2021 | Remote

- Modernized webpages from deprecated technologies (Flash, Java).
- Implemented extensible JSON validation precompilation for webpages.
- Developed a vanilla JavaScript web component for GitHub-integrated bug reporting hosted on AWS.

PROJECTS

STAG-OS | LEAD DEVELOPER & CO-FOUNDER
Oct 2018 | [source](#)

- An Operating System based on Android, with support for over 14 devices
- Over 100 thousand downloads till date
- Complete BringUp From Scratch across Multiple versions (Android 9-13)
- Lead a group of 13 people who maintain the project for their device

STAGBIN | REACT, CLOUDFRONT, AWS LAMBDA, DYNAMODB
July 2021 | [source](#) | [hosted](#)

- A pastebin created in MERN Stack
- Also acts as a online code editor with auto complete support
- Can be even used as a url shortner
- Has multiple more features like, a diff viewer, custom url support, editable
- Supports client side encryption of pastes enabling password protected shares

WATCH PARTY APPLICATION | SOCKET.IO, JAVASCRIPT
May 2022 | [source](#)

- Watch party application in which users can remotely join a room and watch the youtube videos of their choice.
- Multiple rooms support, users can either join an existing/inbuilt rooms or create new ones, Each room has a dedicated chat.
- Live changing of video, user can change the youtube link and the video will be updated for all the users in the room.
- Video stays in sync, when forwarded played or paused.

SKILLS

LANGUAGES

Proficient:
Javascript • Python • Java •
C/C++ • Racket

Familiar:
Go Lang • Haskell • Dart •
Solidity • Elm

FRAMEWORKS

ReactJS • Express • Spring •
Socket.io • NodeJS

DATABASE

MySQL • MongoDB •
DynamoDB • Snowflake •
Singlestore

VCS, CLOUD & BUILD TOOLS

Git • Jenkins • AWS • Google
Cloud • Apache2 • Nginx •
Arduino IDE

EDUCATION

IIITH

BTECH. + MS IN COMPUTER SCIENCE
August 2020 - July 2024 | Hyd, India
CGPA: 8.39

POSITIONS

Cloud Lead GDSC, IIIT-H
Research Assistant SERC •
SCRC, IIIT-H
Teaching Assistant Discrete
Structures • Software
Engineering • Operating
Systems

PUBLICATIONS

WF-IOT 2023
ICSA 2024

ACHIEVEMENTS

2020-22 Deans Merit List