VJS Pranavasri

Aspiring Full Stack Engineer | OS Developer | DevOps Enthusiast

🏠 vjspranav.dev ⬤ vjspranav in vjspranav ✉ pranavasri@live.in 📞 9133260150

EXPERIENCE

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

C - SHELL | C
September 2020 | source

➔ Linux Shell written from scratch in C
➔ Supports custom commands written.
➔ Has input output redirection.
➔ Supports piping.
➔ Allows background and foreground process execution

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 • C/C++ • Racket

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

FRAMEWORKS

ReactJS • Express • Socket.io • NodeJS

DATABASE

MySQL • MongoDB • DynamoDB

VCS, CLOUD & BUILD TOOLS

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

EDUCATION

IIITH
BTech. + MS in Computer Science
August 2020 - Present | 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

ACHIEVEMENTS

2020-21   Deans Merit List
2021-22   Deans Merit List