

DAVULURI YASHWANT RAO

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Computer science student at Vel Tech University, Chennai. A self-taught programmer. Strong creative, analytical skills and quick learner. Team player with an eye for detail. Loves to build Mobile as well as Web Applications and try out new and latest technologies.

EDUCATIONAL BACKGROUND

Bachelor's Degree (Present)

- Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu
- 2021 - 2025 (CGPA - 8.9)

Secondary school

- Sri-Gayatri Junior College, Dilshuknagar, Hyderabad
- 2019 - 2021 (PERCENTAGE : 80 %)

School

- Defence Laboratory School (CBSE Board), Kanchanbagh, Hyderabad
- 2019 (PERCENTAGE : 72%)

PROJECTS

Xchange (Mobile Application - Cross Platform)

- **USED** : React Native, expo, socket.io, Node.js
- Mobile application which allows buying as well as selling a product. Allow one to one interaction with users.
- Developed for the use of Hostel/College students to exchange things.

Xchange - Web (Web Application)

- **USED** : NEXT.js, Node.js, Redux, GraphQL, NEXT.js API feature, Firebase and Socket.io.
- Implemented real-time public and private chat rooms for student interaction.
- Designed functionality for posting and reading college news.
- Created features for students to join, create, comment in post of communities.

VR & AR - Real estate (Web Application)

- **USED** : MERN, Firebase, Multer, RESTAPI, Aframe, WebVR.
- Full Fledged AR and VR assisted Real Estate web app for purchasing and selling properties.
- Customers can buy as well as post properties on the site.
- Try out furnitures using the AR feature on the app, 360 view of the property through VR.
- B2C Web app developed for IIT KANPUR Hackathon (Techkriti)

Customizable Dashboard (Web Application)

- **USED** : MERN, VITE, Tailwind, ChakraUI
- A customizable dashboard which can be integrated in any website. A Problem statement released by Cognizant.
- Users can customize their UI like the way they want by just editing it.
- Won 4th prize for this project.

JIM (Mobile Application)

- **USED** : React Native, expo, GEMINI API
- A Gym assistance mobile application to guide you through your fitness journey
- Users can set their weekly exercise routine and track their process.
- GEMINI API used in this app will work as an AI Trainer, users can ask any query regarding fitness, diet, lifestyle etc.

Welling (Web Application)

- **USED** : MERN
- A virtual AI counsellor, helps you to detect the disorder at an early stage with the help of AI.
- Users can take assessment, chat with AI counsellor, track their health.
- Full Fledged AI counsellor developed for IIT Bombay hackathon (SocioHackathon)

SKILLS

General Skills:

Full Stack Web development, Android Development, iOS App Development, 3D Modeling, Problem-Solving, Editing, Communication Skills, SQL, Docker.

Tools / Software:

GIT/Github, Docker, VS Code, Figma, Postman, Blender (3D Rendering), Adobe After Effects, Linux

Technical Skills / Framework:

REACT JS / VITE, REACT NATIVE & EXPO, NEXT JS, NODE JS, EXPRESS JS, DJANGO, REDUX, GRAPHQL, SOCKET.IO MONGODB, AWS S3 / FIREBASE, GOOGLE APIS', CHAKRA UI/MATERIAL UI, UI / UX, REST API, JS, TS, C++, PYTHON, FAST API, SHELL SCRIPTING, SVELTE / SVELTEKIT, AGENTIC AI, MCP TOOLS.

EXPERIENCE

Web Developer I (February, 2025 - on going)

Aganitha Congitive Solutions

- Working as a Web Developer at Aganitha.
- Worked both on frontend as well as backend, contributed in multiple projects
- **Skills Learned:** Core backend, Docker, Linux, Fast API, Shell Scripting, Svelte / Sveltekit
- **Website:** <https://www.aganitha.ai/>

React Native Developer (November, 2023 - December 2024)

Trekato

- Worked as a React Native intern as well as a full time, helping Trekato in building their initial cross platform mobile app. Building the their React Native app from scratch. A social media app which focuses on travels and tourism.
- **Website:** <https://trekato.com>

MERN Full Stack (TypeScript) Intern (August, 2024 - November, 2024)

MyParticipants

- Worked as a Full Stack MERN intern at MyParticipants, helped me learn React with typescript and a complex project structure.
- **Website:** <https://www.myparticipants.com>

MERN Full Stack Intern (June, 2024 - August, 2024)

StressAway

- Working as a Full Stack MERN intern at StressAway. A Mental well being website which focuses on Psychology health.
- **Website:** <https://www.stressaway.in>

MERN Full Stack Intern (March, 2024 - May, 2024)

b8rhomes

- Completed my first internship as a Full stack MERN intern at b8rhomes, a virtual & Augmented real estate website.
- **Website:** <https://b8rhomes.com>

ADDITIONAL LINKS

GITHUB: <https://github.com/Y-A-S-H-W-A-N-I>

PORTFOLIO: <https://yashwant-portfolio.vercel.app>

3D MODELS: <https://yashwant-blender.vercel.app>

HACKATHONS

- IIT Bombay (Jan 2024) - 4th Prize
- Velammal Engg College (Feb 2024)
- IIT KANPUR (Techkriti March - 2024)

OPEN SOURCE

- Launched my own NPM packages on npmjs.com
- Launched 3D models on Sketchfab
- IEEE paper publication for VR & AR real estate Project

KNOWN LANGUAGES

ENGLISH, HINDI, TELUGU