AVIRAL VERMA

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EDUCATION

M.tech, Information Technology(Bioinformatics)	September 2020 - May 2022
Indian Institute of Information Technology Allahabad, Prayagraj, UP	8.3 GPA
B.tech, Biochemical Engineering	July 2016 - August 2020
Harcourt Butler Technical University, Kanpur, UP	65.14 %

TECHNICAL SKILLS

Languages: HTML, CSS, Javascript, C++, Markdown
Library/Frameworks and Runtime: React.js, Node.js, Express.js, Bun, Vite
Tools and skills: Git, Github, Postman, CI/CD
Database: MongoDB, Firebase,
Certifications: Complete React Developer(Hooks and Redux) & Complete NodeJS Developer in 2023, Udemy

EXPERIENCE

FifthTry, Bengaluru, Karnataka: Software Developer Intern   June 2022 – November 2022

- Collaborated in the development of an open source novel full-stack language/library framework, FTD.
- Employed Rust, Django, and FTD as the tech stack for development.
- Played a role in the configuration of Continuous Integration/Continuous Deployment (CI/CD) for the FTD starter template and facilitated Debian installation on Linux-based systems.
- Developed package manager (FPM) functionality by incorporating additional tests for its commands.
- Designed and implemented a processor for accessing and utilizing intra-page anchor links.
- Replicated the functionality of the IMDB web application using FTD framework and Django - amdb-zeta.vercel.app/

PROJECTS

Chatrooms app
A simple chat app

- Utilized **Node/Express** Server running on *Render* and the **React** app deployed on *Netlify*.
- Incorporated **Chatengine.io** chat API to enable features such as one-to-one chat, group chat, and file sharing.

Connect 4 game
Created and published a Connect 4 game with move suggestions on GitHub pages.

World of Words
World of Words is a playful project, utilising words and their magic!

npx card
To interact in your terminal, run command - 'npx aviral', 'npnx aviral' or 'bunx aviral'

3js-world
A trial of three.js framework by me.

ACTIVITIES/RESPONSIBILITIES

Coorganiser and host, TEDxRawatur   May 2021
Theme: Climate Crisis: Act or Regret!

- independently organized TED event, with the goal to champion and accelerate solutions to the climate change and environmental issues, turning ideas into action.

Coordinator, TEDxHBTU   Feb 2019
Theme: Increasing The Boundaries Of Our Comfort Zone

- Half-day event with the goal is to bring together bright minds to give talks that are idea-focused, and on a wide range of subjects, to foster learning, inspiration and wonder – and provoke conversations that matter.