AVIRAL VERMA

 github/aviralrabbit1 | linkedin/aviral-verma-iiita | aviral.robin@gmail.com | +91 8318055410

EDUCATION

M.tech, Information Technology(Bioinformatics)   September 2020 - May 2022
Indian Institute of Information Technology Allahabad, Prayagraj, Uttar Pradesh   8.3 GPA
Data Structures and Algorithms, Operating Systems, Database Management System(DBMS)

B.tech, Biochemical Engineering   July 2016 - August 2020
Harcourt Butler Technical University, Kanpur, UP   65.14 %
Fellowship Program in Software Development,   June 2024 - current
Crio.do

TECHNICAL SKILLS

Languages: HTML, CSS, Javascript, C++, Markdown,
Library/Frameworks and Runtime: React.js, Node.js, Express.js, BunJS, Angular.js, Django
skills: Git, Github/Gitlab, Tailwind, Bootstrap, Material UI
Database and tools: SQL, MongoDB, Postman, Redux-Toolkit and devtools, RESTful API

EXPERIENCE

FifthTry, Bengaluru, Karnataka: Software Developer   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/

AtDrive, Noida: Freelancer, Frontend Developer   July 2024 – October 2024
- Developed/converted UI/UX design from Figma to AngularJs.
- Leveraged Sass and tailwind for creating styles for the applications along a given Vex template,
- Built reusable UI elements with templates, controllers, and directives.
- Worked with modules, dependency inections, Data binding, routing, templating.

PROJECTS

Qkart, Ecommerce Platform
Skills: Reactjs(Forms, Events, Hooks, Router(Navigation and Redirection), REST, Authentication, Responsive design , State/Error Management, Debouncing, Material UI
- Implemented core logic for user registration and validation, authentication, shopping cart, and checkout.
- User-friendly Registration and login page and user sessions with localStorage.
- Utilized REST APIs for dynamic loading and rendering of data served by the backend server.
- Implemented search functionality with debouncing to improve user experience.
- Authenticated POST API calls for cart and Checkout functionality(Eg. address selection).
- Improved UI by adding responsive design elements for a consistent experience across different devices.

QTripDynamic, Responsive dynamic travel website
Skills: Dom Manipulation Bootstrap, Responsive design, conditional rendering
- Dynamically plug-in data on the landing, adventures, adventures details, and reservations pages.
- Improved UX with multi-select filters and image carousels(using Bootstrap).
- Performed DOM manipulation, form submissions and POST requests.
- Implemented conditional rendering based on API responses for reservation status.
- Deployed the backend to Render and the frontend to Vercel.

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