

Pranshu Raj

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TECHNICAL SKILLS

Languages: Java, JavaScript, HTML, CSS, SQL, TypeScript

Frameworks: ReactJS, NextJS, MongoDB, Tailwind, Redux Toolkit, Flask

Tools: VS Code, Visual Studio, PyCharm, IntelliJ,

Certifications: Java, Python (HackerRank, 2023), Bits and Bytes of Computer Networking (Google, 2024)

PROJECTS

Eazze | *TypeScript, JavaScript, ReactJS, HTML, CSS*

September 2024 – October 2024

- Designed the package to automate the installation and configuration of UI libraries, eliminating unnecessary steps
 - Developed and published a NPM package with 450+ weekly downloads
 - Integrated UI libraries like Chakra UI, Shadcn, and PrimeReact for easy project customization.
 - Actively maintained and enhanced the package to ensure compatibility and smooth developer experience.
- <https://www.npmjs.com/package/eazze>

Custom CommandShell | *C, Windows Subsystem for Linux(WSL)*

September 2024 – October 2024

- Custom Shell Development: Designed and implemented a custom shell in C for Linux using WSL, providing an interactive command-line interface.
 - Command Execution and Piping: Integrated functionality for executing standard UNIX commands, handling built-in commands, and implementing piping between commands.
 - Error Handling and Robustness: Implemented error handling for common issues such as command execution failures, fork errors, and pipe creation errors to ensure a stable shell environment.
- <https://github.com/PranshuRaj1/CommandShell>

Payment Application | *ReactJS, NodeJS, Tailwind, Recoil*

August 2024 – September 2024

- Built using React for a responsive and dynamic user interface.
- Utilized Recoil to efficiently manage and store authentication tokens for state management
- Implemented React Router DOM for seamless navigation between different pages within the application.
- Developed using Node.js with a RESTful API structure.
- Used MongoDB to store user data, transactions, and account information. <https://github.com/PranshuRaj1/Bank>

QuickGrab | *React, Auth0, Groq API, Tailwind*

July 2024 – August 2024

- Engineered a website that enhances search functionality by delivering concise and accurate information.
- Integrated user authentication with Auth0.
- Utilized Groq API for data retrieval and Tailwind for responsive design. <https://the-llm.vercel.app/>

EDUCATION

VIT Bhopal University

Bhopal, India

Bachelor of Technology in Computer Science Engineering

July 2022 – Present

CGPA: 8.35/10

Kendriya Vidyalaya A.G.C.R.

Delhi, India

Class XII

May 2021

Percentage: 86.0%

ACHIEVEMENTS

Led a team to secure First place in the 2024 Firefox Expedition Programming Competition, organized by the Firefox Club of VIT Bhopal.

Attained Knight status by solving over 800+ problems and achieving a peak rating of 1882, placing in the top 4.91% of participants.

Created a package with 450+ weekly downloads to streamline Next.js setup with UI libraries like Chakra UI, Shadcn, and PrimeReact.