

PRAHLAD PALLAV

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🔗 portfolio-website/prahladpallav

Academic Details

Indian Institute of Technology Delhi

B.Tech in Engineering Physics

Cgpa: 7.57

2019-2023

Park Mount Public School, Patna

CBSE

Percentage: 85.8

2019

Internship

Mobishaala Edutech Private Limited, Bangalore

June, 2022 - July, 2022

Front End Developer

- Developed a multi-tiered web application with numerous levels and sublevels.
- Axios API calls were used to retrieve data, which was then saved locally.
- The application has a high degree of responsiveness and interactivity, allowing for simultaneous use by multiple users.

Exposure : HTML, CSS, JavaScript, ReactJS, BootStrap, APIs, JSON, NPM Packages.

Technical Skills

Programming Languages: Java, JavaScript, C++, Python.

FrontEnd Development: HTML, CSS, Bootstrap, Tailwind CSS, ReactJS, Redux, JSX, XML.

BackEnd Development: Express, MongoDB, Mongoose, Node.js, SQL, Firebase, APIs, Postman, JSON, JWT, Cookies.

Tools/Platforms: MS Office, VS Code, Notion, Netlify, Figma, Adobe XD, Canva, Git/GitHub, NPM, LaTeX.

Miscellaneous: Data Structure and Algorithms, Operating System, DBMS, OOPS, Computer Networks.

Projects

AuthN-AuthZ 🐙

July, 2023

- Authentication and authorization system for users (login and signup) with JWT and **bcrypt** password encryption.
- Protecting routes for specific roles with middleware functions to check the JWT and user's role.
- Express application using **middleware functions** (cookie-parser, express.json) to handle incoming requests.

Password Generator 🐙

February, 2023

- Developed a secure and user-friendly password generator, incorporating best practices to ensure the generated passwords are strong and resistant to common **hacking** techniques.
- Implemented a responsive and visually appealing user interface that allows users to customise password length and generate passwords with uppercase and lowercase letters, digits, and special characters using **Fisher Yates** algorithm.

Todo Interface 🐙

May, 2023

- Developed a comprehensive Todo Application using Node.js and Express.js on the **server side**, creating and maintaining a stable **RESTful API** to handle client requests.
- Demonstrated proficiency in handling data by integrating MongoDB as the database, using Mongoose for efficient object modeling, enabling smooth operations for creating, reading, updating, and deleting **CRUD** tasks.

Weather DashBoard 🐙

March, 2023

- Designed intuitive user interfaces with interactive features, to easily navigate and read comprehensive weather forecasts for chosen places utilising **OpenWeatherMap APIs** to collect real-time weather data depending on user input.
- Implemented client-side data storage using **Session Storage** to store user preferences and recently granted locations, enabling quick access and personalized experience for returning users.

Other Projects: github.com/prahlad-pallav/ 🔗

Positions Of Responsibility

Senior Executive

July, 2021 - May, 2022

Hindi Samiti, BRCA, IIT Delhi

Executive

October, 2021 - Dec, 2022

Blood Connect Foundation, India