

# SHIVPRASAD CHOUDHURY

## Software Engineer

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[Portfolio](#) | [LinkedIn](#)  
[Personal Project](#) | [Github](#)

## Profile

Frontend React Developer with **4 years** of experience building user-friendly and performant web applications using **ReactJS**, **NextJS**, HTML, CSS, **Material UI**, and **Typescript**. Skilled in testing with **React Testing Library**, **Jest** and **Cypress**.

## Employment History

### Freestone Infotech Pvt Ltd, Software engineer

November 2020 – August 2024

#### Key Responsibilities:

- Designed and developed user-friendly web interfaces using **ReactJS**, **NextJS**, HTML, CSS, **MaterialUI**, and **Typescript**.
- Adhered to high-quality standards and ensured seamless **API integration**.
- Enhanced code and project efficiency by implementing **React Test Library** and **Cypress** for robust **testing**.
- Implemented JSON Web Token (**JWT**) for secure user authentication and authorization.
- Leveraged front-end build tools like **Webpack**, **Babel**, and **npm** to optimize and streamline development workflows.
- Leveraged ES6+ (**Ecmascript**) features like destructuring, template literals, and **async/await** to improve code readability and performance across various projects.

## Projects

### Predflow

Jan 2023 – May 2023 & Feb 2024 – Aug 2024

- Developed complex user interfaces with **HTML**, **CSS**, **NextJS**(initially, later switched to **ReactJS**), **ReactJS**, **MaterialUI** and **Typescript** for a user-friendly experience.
- Implemented and tested application functionality to ensure successful operations across all platforms using **Cypress**.
- Integrated **RESTful APIs** with the frontend, consistently maintaining quality standards.
- Integrated **React Hooks**, including **Context API**, for effective state management.

### Privacera

Apr 2021 - Dec 2022 & June 2023 – Jan 2024

- Played a vital role in a major upgrade, migrating **React 15** to **React 17** with modern Hooks.
- Led the transition of the React UI library from **Bootstrap** to **MaterialUI**, improving UI **consistency** and **performance**.
- Increased efficiency by 75%** by automating **E2E** testing with **Cypress**, replacing **70-80%** of manual testing and **reducing testing time** significantly.
- Actively contributed to **component testing** using **React Testing Library** & **Jest**, fostering greater code coverage and stability.
- Proficient in **ReactJS**, contributing to a more **robust** and **efficient** tech team.
- Worked in **Agile** teams, contributing to iterative development and delivery.

### Asimily

Nov 2020 - Apr 2021

- Joined as a fresher, swiftly advancing to a **Frontend React** Developer role.
- Contributed to securing IoT devices for diverse industries through **bug fixes** and minor **feature additions** using **ReactJS**, **HTML** and **CSS**.

## Personal Project

### Everything-UI (ongoing)

Link: [Everything-UI](#) | Github: [Project github link](#)

Developed a comprehensive UI component library aimed at providing all essential components for modern web application interfaces.

- **Features:**
- Integrated **Google Authentication** using **Auth0** for secure user access.
- Implemented **MUI** (Material-UI) for a customizable component library.
- Built with **React 18**, leveraging modern hooks and best practices for optimal performance.
- Embedded an **AI Chatbot** powered by **Google's Generative AI APIs** for dynamic user interaction.

## Education

### Patkar Varde College, Bachelor of Science in Information Technology

*June 2017 – October 2020*

### Vivek Vidyalaya Jr College of Science and Commerce, HSC

*June 2015 – March 2017*

## Skills

ReactJs, NextJs, Javascript, TypeScript, EcmaScript, Cypress, HTML, CSS, MaterialUI, Redux, Npm, Git, Vite, React Native, Linux

## Hobbies

Photoshop, Photography, Video editing, Skateboarding, Reading books, Chess