# Prerak Jiteshkumar Patel

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[Portfolio](https://22prerak22.github.io/portfolio/) | [GitHub](https://github.com/22prerak22)

## Profile

Front-End Developer with 7+ years of experience building robust web and mobile applications using React, Next.js, TypeScript, and Redux. Skilled in creating responsive, scalable applications and delivering optimized user experiences. Proficient in state management, component reusability, and collaborating with cross-functional teams in Agile environments. Strong experience in unit testing, integration testing, and continuous integration.

## Skills

Frontend: React, Next.js, React Native, Redux, TypeScript, HTML5, CSS3, SASS, Bootstrap  
Backend: Node.js, Spring Boot, PostgreSQL, MongoDB, MySQL  
Tools/DevOps: Docker, Kubernetes, Azure, Git, JIRA, CI/CD  
Testing: Jest, Mocha, Karma, Integration Testing, Unit Testing

## Employment History

### Starbucks (Remote)

Senior Front-End Developer | Sep 2023 — Present

- Designed and implemented reusable React components and hooks, promoting code reusability and consistency.  
- Integrated third-party libraries and APIs seamlessly into React applications for enhanced functionality.  
- Led the adoption of React Navigation for improved client-side navigation, enhancing user experience.  
- Implemented responsive design principles to ensure optimal performance across devices.  
- Environment: React 18, Redux Toolkit, TypeScript, Node.js, Azure, Jest, Git, JIRA

### Bureau Veritas (Mississauga, ON)

Web Developer | Oct 2021 — Aug 2023

- Developed user interfaces using React, Next.js, and Bootstrap, improving website responsiveness by 25%.  
- Integrated MongoDB for database management, handling data storage, retrieval, and optimization.  
- Conducted unit testing using Jest and Postman for testing RESTful APIs.  
- Environment: React 17, Next.js, Bootstrap, TypeScript, Node.js, MongoDB, Redux, Git, JIRA

### Refresh Financial (Kelowna, BC)

UI Developer | Mar 2020 — Sep 2021

- Built a reusable component library for the mobile application using React Native, reducing development time by 30%.  
- Integrated third-party APIs for real-time updates and seamless data exchange.  
- Environment: React Native, TypeScript, SASS, Material UI, GitLab, Jest

### Acumen Capital Partners (Calgary, AB)

UI Developer | Jan 2019 — Feb 2020

- Designed and developed front-end screens using React.js and Redux, improving UI performance by 20%.  
- Environment: React.js, Redux, JavaScript, HTML5, CSS3, Mocha, Git, JIRA

## Projects

## Personal Expense Tracker ([GitHub Repository,](https://github.com/22prerak22/Personal-Expense-Tracker) [Live Demo](https://codechallange-prerak-expense-tracker.netlify.app/))

## Developed a personal finance tracker using React, Redux, and Node.js, allowing users to track income and expenses.

## Wordle Game ([GitHub Repository](https://github.com/22prerak22/wordlegame), [Live Demo](https://22prerak22.github.io/wordlegame/))

## Created a Wordle clone using React, with optimized game logic and a responsive UI for mobile devices.

## AI-Powered 3D T-Shirt Designer ([GitHub Repository](https://github.com/22prerak22/My_First_3D_Project_threejs_ai), [Live Demo](https://dynamic-smakager-59803e.netlify.app/))

## Developed an interactive 3D T-Shirt color picker using Three.js and the OpenAI API to allow users to visualize and customize T-Shirt colors in real time.

## Education

Bachelor of Engineering in Electronics and Communication  
Kadi Sarva Vishwavidyalaya, India | Jun 2012 — Apr 2016