

Prabavathi M

Full Stack Developer

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Education

Periyar University, Tamil Nadu
Master of Science (M.Sc.) in Chemistry

May 2023

Relevant Coursework:

- **Frontend Development:** HTML5, CSS3, Bootstrap, JavaScript (ES6+), React.js, TypeScript
- **Backend Development:** Node.js, NestJS, RESTful APIs, MongoDB
- **Full-Stack Integration:** Scalable architecture, JWT authentication, AWS S3

Experience

App Innovation Technologies, Coimbatore
Full Stack Developer

Apr 2024 – Aug 2025

- Engineered scalable full-stack applications with React.js (JavaScript/TypeScript), Node.js, and MongoDB, focusing on scalability, maintainability, and clean architecture.
- Engineered dynamic forms with React Hook Form and Yup for key modules including contact management, onboarding, and recurring tasks.
- Integrated AWS S3 for secure document upload and download, including signed URL generation and role-based access control for sensitive files.
- Applied real-time push notifications using Firebase Cloud Messaging (FCM) to notify users of upcoming tasks, event reminders, and activity updates across devices.
- Incorporated Google Calendar API via Google Cloud Console to import holiday data based on region and religion, and enabled two-way sync with Cookie Calendar.
- Leveraged Redux for managing application-wide state, Designed modular UI components (forms, tables) for cross-project reuse.
- Spearheaded daily stand-ups between QA, engineering, and design, catching of bugs before deployment, improving code quality, and ensuring stable releases in production environments..

Bluze Technology, Coimbatore
Frontend Developer Intern

Dec 2023 – Mar 2024

- Contributed to the development of a product-ordering website for a coir manufacturing business.
- Built interactive UI components that allowed users to view coir product images, select product types, and calculate total cost based on quantity.
- Designed responsive layouts using standard CSS to ensure a consistent experience across desktop and mobile devices.
- Implemented dynamic form handling and conditional rendering using React.js to support real-time pricing and user selections.
- Gained hands-on experience working with domain-specific logic for manufacturing and ecommerce-style ordering systems.

Projects

CX Future

JavaScript, Node.js, React.js

An employee management system to automate PF tracking, leave balance, and salary hike calculation.

- Automatically generates monthly salary slips and sends them as PDF via email.
- Hosted internally within the organization's private infrastructure.

Teemie

Node.js, React.js, JavaScript

A platform for restaurant staff management, shift-based task assignments, and real-time collaboration.

- Supports group chat, event planning, and time-based task allocation.
- Enables the admin to track productivity and streamline restaurant operations.
- Deployed at: <https://test.teemieapp.com>

Humm

React.js, Node.js, JavaScript

A loan application and tracking system for both personal and company-backed finance needs.

- The system handles application, approval, and repayment workflows.
- Built a scalable and efficient backend for automating loan processing workflows.
- Deployed at: <https://login.shophumm.co.uk>

Cookie

React.js, TypeScript, NestJS

A family-oriented application that helps users manage recurring tasks, family events, and achievements across multiple members.

- Executed document upload and download functionality using AWS S3 with signed URLs for secure access control.
- Retrieved region- and religion-specific holiday data from Google Cloud Console by parsing JSON responses from Google Calendar API.
- Merged two-way sync with Google Calendar: events created in Cookie Calendar are pushed to Google Calendar, and holidays/events from Google Calendar are imported into Cookie.
- Enabled recurring task creation (daily, monthly, yearly) with a user-friendly calendar interface.
- Added QR code-based login functionality for children, along with features for tracking family trips, task completion, and gifting achievements.
- Deployed at: <https://app.mycookiefam.com>

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, SQL

Frameworks/Libraries: React.js, Node.js, Express.js, NestJS, Redux, React Hook Form, Yup, RRule

Developer Tools: VS Code, Postman, GitHub Desktop, Git, GitHub, Swagger

Cloud Services: Firebase, AWS S3, Google Cloud Console, Firebase Cloud Messaging (FCM), Stripe

Design: Figma, Photoshop, Illustrator