
REMYA MANOHARAN

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[LinkedIn](#) [GitHub](#) [Portfolio](#)

Profile

Full Stack Developer with a strong foundation in **React, TypeScript, and modern frontend architecture**, complemented by experience in **backend integration and API-driven development**. Passionate about building **scalable, high-performance** through efficient, user-centric development approaches. Currently leading frontend development at **CostBits**, where I have optimized UI performance, improved responsiveness, and enhanced user engagement through **efficient state management, reusable components, and modern build tools**. Adept at **collaborating in Agile environments**, defining API contracts, and working closely with cross-functional teams to align development with business objectives.

An active **open-source contributor (GitPay)** and lifelong learner, I am eager to bring my **technical expertise, problem-solving mindset, and passion for innovation**—helping to build AI-driven platforms that empower users with actionable insights.

Technical Skills

Frontend Development: JavaScript, TypeScript, React, Tailwind CSS, Material UI

Testing and Quality: Jest, React Testing Library

State Management: Redux, Zustand

Backend APIs: Node.js, Express.js, RESTful APIs, familiarity in C#, Java

Database: MySQL, PostgreSQL

Tools and Practices: Git, Agile, Trello, Postman, Swagger

Cloud and DevOps: AWS (EC2, Lambda, API Gateway, Amplify, S3)

Soft Skills

Soft Skills: Leadership, Time management and prioritization, Adaptability to new frameworks/tools, communication, Cross-functional team collaboration, Fast learner

Experiences

Front End Developer | CostBits, Denmark

March 2024-Present

Played a key role in the development of CostBits 'comprehensive analytics solution for procurement and cost control, where I utilize my expertise in frontend development and integrate it with financial acumen.

- Developed customer-centric frontend features using **React, TypeScript, and Tailwind CSS, React Query**, directly improving **user engagement by 35%** and reducing UI-related support tickets by **40%**
- Optimized **UI load times** by **60%** and enhanced **user satisfaction scores** by **20%** through continuous performance optimization, testing, and code refactoring to ensure maintainability
- Successfully implemented **reusable components**, reducing development time for new features by **30%** and improving code maintainability.

- Built **data-driven dashboards and reports**, using Nivo Charts enhancing financial transparency and where decision-making is crucial resulting in a **25% improvement in financial reporting accuracy**
- Collaborated with backend teams using C#/.NET, defining API requirements, reviewing Swagger documentation, and ensuring seamless frontend-backend integration for optimal performance.
- Integrated frontend systems with **RESTful APIs**, implementing efficient error handling and data validation
- Successfully implemented **Agile** processes using Trello for sprint planning and backlog refinement, ensuring alignment of development with business goals and timelines
- **Collaborated** with **UX designers** and **Project Managers** to implement responsive design patterns and accessibility improvements

Open-Source Contributions (GitPay)

2024 - Present

Active contributor to GitPay, Innovative technology platform driving collaborative innovation in open-source software development by empowering developers to contribute meaningfully and receive rewards for their expertise.

Technical Contributions:

- Implemented new frontend features using React and TypeScript, focusing on component reusability and testing
- Led the full implementation of features, including database migration, model creation, and backend development using Node.js and Express.js

Skills: React, Redux, Node.js, Express.js, PostgreSQL, Migration

Full-Stack Development Bootcamp | *Hack Your Future, Denmark*

Jan 2023- Nov 2023

Completed an intensive 8-month full stack coding bootcamp. Worked as Class Communicator collaborating closely with HYF authority and classmates in various programs. Worked on various full-stack projects including a Job Search App and Meal Share App, enhancing comprehensive development skills.

- Built **full-stack web applications**, focusing on frontend user experience and backend API integration
- Implemented **responsive designs** with Material UI and optimized state management Zustand, ensuring high **performance** and **scalability** in cloud-deployed environments
- Architected and implemented comprehensive **RESTful API** services using **Node.js/Express.js**, integrating robust user authentication systems with **Firebase**
- Designed and optimized **PostgreSQL** database schemas, implementing efficient indexing strategies that improved **query performance by 60%**
- Engineered an efficient data synchronization process between client-side interfaces and server databases, resulting in real-time updates that reduced load times to under 200 milliseconds per request
- Deployed full-stack applications on Render.com, demonstrating proficiency in cloud deployment processes and ensuring scalability.

Technologies & Skills: JavaScript, TypeScript, Material UI, Zustand, ReactJS, React Query, MySQL, PostgreSQL, RESTful APIs, NodeJS, ExpressJS

Assistant Finance Manager | *Co-operative Bank, India*

Jan 2017- June 2021

- Led cross-functional teams in developing and maintaining strategic research plans
- Fostered a collaborative work environment, focusing on team development and meeting deadlines
- Participated in high-level strategy meetings, contributing to goal setting and project scoping

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- Managed financial operations, leading to a 20% reduction in reconciliation errors and improving audit compliance

Associate Software Engineer | *Tata Consultancy Services, India*

Sep 2012 -Dec 2014

- Developed backend systems using C# and Oracle Database, ensuring efficient data manipulation and retrieval for enterprise applications
- Implemented complex data calculations and algorithms to support telecom operations
- Collaborated with cross-functional teams to ensure seamless integration of backend systems with frontend interfaces
- Demonstrated extensive expertise in telecommunications and enterprise software development, consistently delivering high-impact solutions while excelling in both autonomous and collaborative team settings. Led cross-functional initiatives that enhanced system efficiency by 40%

Education

MBA, Banking and Finance, *Bharathiyar University, India* (2015-2016)

Bachelor of Technology, Computer Science and Engineering, *CUSAT University, India* (2008-2012)

Certifications

AWS + Hack Your Future Certification in Cloud Computing (2024)

Hacker Ranker React Certification (2023)

Languages

English: Fluent

Danish: Beginner

About Me

I am a highly adaptable professional and a fast learner, as reflected in my expertise across both IT and finance. I thrive in dynamic environments, quickly absorbing new knowledge and applying it effectively. Beyond work, I find peace in nature walks, the rhythm of music, and the stillness of meditation. These passions keep me grounded and fuel my creativity. Guided by the belief that **“Small daily improvements lead to stunning results,”** I embrace mindfulness and consistency as the keys to growth and success.