Bharathikannan Sambasivam

Software Engineer | MERN Stack Developer

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LinkedIn | GitHub | LeetCode | Portfolio

PROFESSIONAL SUMMARY

Frontend-focused MERN developer with strong skills in React, JavaScript, and UI development. Experienced in building responsive web applications and integrating frontend interfaces with backend REST APIs for full CRUD operations. Currently pursuing Master of Computer Applications (MCA), expected to graduate in Mar 2026.

TECHNICAL SKILLS

Frontend: HTML, CSS, Tailwind CSS, JavaScript (ES6+), React, Material UI
Backend: Node.js, Express.js, REST APIs
Database: MongoDB, Mongoose
Tools: GitHub, Postman, Figma, Storybook

PROJECTS

FindMyDocs – MERN Document Store [Live] [Play Store]
MERN Stack Project
- Built a MERN stack document management application with full CRUD functionality.
- Implemented JWT-based authentication, dynamic variable support ({{name}}), and document search by title with backend integration.
- Enabled document preview, editing, updating, and downloading with a fully responsive UI; improved backend availability and reduced cold-start delays using uptime monitoring.
- Deployed the application as a Trusted Web Activity (TWA) and published it on the Google Play Store.
- **Technologies: MongoDB, Express.js, React, Node.js, Tailwind CSS, React Quill, Formik, Yup, Axios, JWT, OpenRouter (Mistral-7B Instruct).**

MERN Book Store – Full Stack Web App [Live]
MERN Stack Project
- Developed a MERN stack bookstore application with full CRUD functionality for managing books.
- Designed a responsive UI using React and Tailwind CSS enabling users to browse, add, edit, and delete books.
- Built a RESTful API using Node.js and Express to manage book data stored in MongoDB.
- **Technologies: MongoDB, Express.js, React, Node.js, Tailwind CSS, Formik, Yup.**

NetflixGPT – AI Movie Recommendation App [Live]
React Project
- Developed a Netflix-inspired movie recommendation application using React and Tailwind CSS.
- Implemented user authentication using Firebase Authentication.
- Integrated GPT-3.5 via OpenRouter and TMDB API for intelligent movie suggestions with posters.
- **Technologies: React, Redux Toolkit, Tailwind CSS, Formik, Yup, Firebase, TMDB API, Axios,OpenRouter (Mistral-7B Instruct).**

EDUCATION

Annai College of Arts & Science — Kumbakonam, India
Master of Computer Applications (MCA) – 8.2 / 10 CGPA (Till Sem II) — *Jul 2024 – Mar 2026*
Government Arts College (Autonomous) — Kumbakonam, India
Bachelor of Science in Computer Science – 9.23 / 10 CGPA — *Sep 2021 – May 2024*

CERTIFICATIONS

Web Technology – SWAYAM (NPTEL), Issued by Uttarakhand Open University

Web Development Fundamentals, Issued by IBM SkillBuild

ACHIEVEMENTS

University Rank Holder – Achieved 15th rank in the University Rank Examination (URE) for B.Sc. Computer Science conducted by Bharathidasan University among participants across Tamil Nadu.