BHARATH KUMAR S

Full Stack Developer (MERN + AI)

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 Github   **Linkedin**   **Portfolio**

EXECUTIVE SUMMARY

Dynamic and results-driven MERN Full-Stack Developer with an MBA in HR & Finance and certified training from GUVI – IIT Madras. Skilled in designing and deploying scalable web applications using React.js, Node.js, Express.js, and MongoDB. Experienced in authentication systems (JWT/OAuth), REST API integration, and responsive UI development. Strong understanding of business logic, teamwork, and problem-solving, with a portfolio of end-to-end deployed projects showcasing both technical and product expertise. Seeking to contribute as a Full-Stack Developer / Web Application Engineer in a growth-oriented IT company.

TECHNICAL SKILLS & EXPERTISE

Frontend:

HTML, CSS, JavaScript, React.js, Bootstrap, Redux, Tailwind CSS, Learning Next.js

BACKEND:

Node.js, Express.js, MongoDB, Mongoose, My SQL, JWT & Bcrypt, RESTFul APIs

UI/UX DESIGN:

Figma, Responsive Design, Prototyping, Wireframing, Canva, Adobe Photoshop, Adobe Illustrator

CLOUD & DEVOPS:

AWS, Docker, Git & Github, MongoDB Atlas, Cloudinary, Google Colud Console, Firebase, Vercel, Netlify, Render

TOOLS & TECHNOLOGIES:

Vs Code, Postman, Thunder Client, npm|pnpm|yarn, Linux, Chrome Dev Tools, JSON, Dotenv

AI TOOLS & INTEGRATIONS:

Github Copilot, Cursor, OpenAI (GPT Models), Gemini API, Claude API, Figma APi

SOFT SKILLS:

• Team Collaboration • Problem-Solving
• Adaptability • Time Management
• Creative Thinking • Leadership • Analytical Mindset
• Continuous Learning

EDUCATION CREDENTIALS

■ Master of Business Administration (MBA)
Specialization: HR & Finance
Sri Sankara Arts and Science College
Kanchipuram   2022-2024

■ Bachelor of Business Administration (BBA)
Sri Sankara Arts and Science College
Kanchipuram   2018-2021

COURSES & CERTIFICATION

■ MERN Stack Development with AI Tools   Sep 2024 -
GUVI (An IITM Incubated Institution)   May 2025

■ Full Stack Development Internship Program Jan 2025
Edureka!

■ Unlocking The Power of JavaScript
Scaler   Feb 2025

PROJECTS

Personal Portfolio Website

- Built and deployed a responsive portfolio using Next.js, React, Framer Motion, and Tailwind CSS.
- Showcases live project demos, resume download, and contact form integrated with EmailJS.
- Optimized for SEO and fast load times via Vercel deployment + lazy-loading assets.
- Added interactive animations and professional dark-mode interface.

FITNESS CLASS BOOKING SYSTEM | Live 🔗

- Engineered a full-stack MERN web app enabling users to register, browse fitness classes, and book sessions in real time.
- Implemented JWT authentication, role-based access, and MongoDB Atlas for data persistence.
- Integrated REST APIs for booking logic and admin dashboards; deployed frontend on Netlify and backend on Render.
- Designed responsive UI with React + Tailwind CSS, reducing load time > 25 %.

RAPID RENTALS | Live 🔗

- Built a rental-management platform with React, Node.js, Express, and MongoDB to handle property listings and booking workflows.
- Developed search & filter modules with optimized MongoDB queries, improving response time by ~30 %.
- Added secure payment integration and automated email confirmations using Nodemailer + Stripe APIs.
- Implemented modern SPA routing and component-based architecture for reusability.

HOSTEL MANAGEMENT SYSTEM | Live 🔗

- Created a campus-oriented management tool for room allocations, student data, and fee tracking.
- Developed admin portal, RESTful APIs, and PDF report generation using Node.js + Express.
- Used React hooks & Context API for state management and smooth navigation.
- Integrated role-based authentication and CRUD operations for hostel records.

SMART TASK PLANNER | Live 🔗

- Designed a productivity app integrating AI task-recommendations via Gemini/OpenAI API with a Next.js frontend.
- Implemented serverless functions for secure AI API calls and lightweight backend.
- Used Tailwind CSS & Framer Motion for interactive UX and animations.
- Features task categorization, daily goals, and progress tracking dashboard.

ACHIEVEMENTS

- Participated in District level of speak for india, TamilNadu edition, A State level inter-collegiate debate competition.
- Designed and deployed 11+ full-stack web applications across domains like fitness booking, rentals, AI productivity, and e-commerce.
- Built and hosted a professional portfolio showcasing all projects with live demos, GitHub links.
- Maintains an active GitHub profile (200+ commits, 11 repositories) featuring detailed READMEs and CI/CD-deployed applications.