

DARSHAN K S

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OBJECTIVE

As a dedicated and highly motivated engineering student, I am passionate about building impactful solutions using both Web Development and Blockchain technologies. With a strong foundation in the MERN stack, smart contract development, and wallet-based interactions, I am eager to apply my skills in real-world environments that challenge my creativity and problem-solving abilities.

I bring hands-on experience in developing full-stack applications, deploying blockchain assets, integrating smart contracts, and working with tools such as Web3.js, Ethers.js, Git, and GitHub. I enjoy collaborating with teams, understanding user needs, and transforming ideas into working products.

EDUCATION

Bachelor of Engineering (B.E.) in Information Science and Engineering

Acharya Institute of Technology, Bangalore, Karnataka

2022 – Present | Graduation: 2026

CGPA: 8.35 / 10

12th Grade

Masters PU College, Hassan

Percentage: 94.3% | Year: 2022

10th Grade

GTWA, Hassan

Percentage: 96.96% | Year: 2020

TECHNICAL SKILLS

HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, REST API, Solidity, Ganache, Web3.js, Ether.js, Wallet Integration, SQL, RDBMS, Git, GitHub, VS Code

Languages: C, Java, Python, JavaScript, Solidity

PROJECTS

1. Fitness Tracker – MERN Fitness Log Application

- Built a full-stack fitness tracker for logging workouts, calories, and progress with a React UI.
- Implemented personalized diet recommendations based on user food preferences.
- Added secure JWT-based authentication with protected routes.
- Designed REST APIs for workouts, calorie logic, and user data.
- Used Node.js/Express for backend and MongoDB for persistent storage.

Tech Stack: MERN, JWT, REST APIs

2. Property_Hub Production-Grade Real Estate Marketplace

A full-stack MERN platform enabling secure property listing, discovery, and agent–user interaction.

- Built a scalable real estate marketplace using MongoDB, Express, React (Vite), and Node.js with role-based authentication (User & Agent).
 - Implemented JWT authentication with HTTP-only cookies and email-based OTP verification for secure account onboarding.
 - Developed full property management system including CRUD operations, image uploads via Cloudinary, filtering, pagination, and sorting.
 - Designed interactive features such as property saving, notification system, contact agent workflow, and dynamic property detail pages.
 - Deployed production-ready frontend and backend using Vercel and Render, with proper CORS configuration and secure environment management.
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3. Token Management & Risk Analyzer – BEP-20 Deployment System

- Deployed a custom BEP-20 token on BNB Smart Chain Mainnet with secure Solidity contract logic.
- Built a dashboard to display supply, holders, and live on-chain transaction data.
- Implemented a risk engine to detect unusual transfers and assign wallet risk scores.
- Added MetaMask-based interactions for transfers, approvals, and contract execution.
- Integrated MERN + Web3 tools to create a responsive token monitoring interface.

Tech Stack: Solidity, BNB Chain, Web3.js/Ethers.js, React, Node.js, Express, MongoDB

FIELD OF INTEREST

- Web Development
- Blockchain & Smart Contracts
- Full Stack Engineering
- System Design
- AI integrations

SOFT SKILLS

- Problem Solving
- Adaptability
- Leadership
- Communication

LANGUAGES

- English
- Hindi
- Kannada
- German (A2, in Progress)
- Japanese (A2, in Progress)

HOBBIES

- Gym & Fitness
- Books
- Content Creation
- Videography
- Editing