

# 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.

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## 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

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## 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

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## 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

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### 2. Decentralized Chat Application – Web3 Messaging System

- Developed a decentralized chat platform using wallet-based identity and no central server.
- Integrated MetaMask login to authenticate users via wallet addresses.
- Implemented message signing via Web3.js/Ethers.js for authenticity and tamper-proofing.
- Used on-chain or IPFS/MongoDB hybrid storage for message metadata.
- Built a React front-end with Node/Express handling optional off-chain communication.

Tech Stack: Web3.js/Ethers.js, React, Node.js, Express, MetaMask, IPFS/MongoDB

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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

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## FIELD OF INTEREST

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

- Problem Solving
  - Adaptability
  - Leadership
  - Communication
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## LANGUAGES

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

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