

Harsh Soni

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EDUCATION

IIIT Dharwad

Dharwad, Karnataka

Bachelor of Technology in Computer Science and Engineering

2022 – 2026

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Database Management Systems, Software Engineering, Cloud Computing, Machine Learning, Artificial Intelligence.

EXPERIENCE

Frontend Intern

August 2024 – September 2024

Beanbyte

Remote

- Built dynamic data grids and tables for reports using Tanstack Table and React Virtual.
- Developed custom PDF layouts for exporting and printing data tables.
- Created and validated 10+ forms using Formik, Yup, and React Hook Form for seamless user input handling.

Full Stack Developer

May 2024 – Present

IIIT Dharwad Website

IIIT Dharwad

- Contributed to the development and maintenance of the institute's official website **iiitdwd.ac.in** as part of a 15-member team.
- Developed **content.iiitdwd.ac.in**, a CMS for **iiitdwd.ac.in** to enable seamless content management.
- Led a team of 6 to design and implement a robust CMS workflow.
- Automated the deployment process for both the main and dev branches using GitHub Actions.
- Delivered the initial version of the website within 10 days, meeting tight deadlines.

PROJECTS

Hack2Future - Hackathon Website | *Next.js, GSAP, Tailwind CSS, Vercel*

- Led a team of 6 to build an engaging website for our college's "Hack2Future" hackathon.
- Crafted key sections such as the timeline, sponsors showcase, FAQs, and footer.
- Integrated Next.js, GSAP, and Tailwind CSS to create a smooth, responsive, and visually appealing experience.
- Ensured flawless performance on Vercel, providing a seamless user experience for participants.

Motor Insurance Web Application | *MySQL, Next.js, Tailwind CSS, Shadcn, Vercel*

- Collaborated with a team of 7 to develop a motor insurance web application as part of a DBMS course project.
- Designed and implemented the database schema to manage policy, customer, and claims data.
- Developed key features such as authentication, policy management, and admin functionalities.

User Management API | *Node.js, MongoDB, Express.js, Swagger, Mocha, Chai*

- Developed RESTful APIs for user management with authentication using **bcrypt** and **JWT**.
- Documented API endpoints with Swagger and ensured functionality through unit testing with Mocha and Chai.
- Optimized user data storage and retrieval with MongoDB and Mongoose.
- Implemented robust error handling for duplicate registration, invalid input, and non-existent users.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, Bash, Java, Python, C/C++, SQL

Databases: MongoDB, MySQL, SQLite, Firestore

Frameworks & Runtimes: Node.js, Next.js, Tailwind CSS, Express.js

Libraries & Tools: GSAP, Framer Motion, React, TanStack Table, Firebase, Swagger, Mocha, Chai, Docker

Platforms & Services: Git, Vercel, Netlify, AWS, Linux

EXTRA-CURRICULARS

- Organized and executed 3+ technical events for the Techniosys club at IIIT Dharwad, while also contributed as a core tech team member.
- Developed and optimized the college and hackathon websites for the Velocity Club, ensuring smooth deployment and enhancing user experience.
- Participated in decision-making for Hack2Future 1.0 as a key member of the technical team, focusing on technical aspects of hackathon planning.