Harsh Kumar

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TECHNICAL SKILLS

- **Languages**: C++, JavaScript, HTML, CSS
- **Libraries/Frameworks**: React.js, Node.js, Express.js, Bootstrap, Tailwind CSS
- **Developer Tools**: Git, GitHub, Postman, VS Code
- **Databases**: MongoDB, MySQL, PostgreSQL
- **Relevant Courses**: Data Structures and Algorithms, Database Management System, Operating System, Internet and Web Programming

EXPERIENCE

- **CLOUDCONICS CONSULTING Pvt. Ltd.** www.cloudconics.com
  Full Stack Developer
    - : **Built and deployed scalable SaaS platforms** using MERN stack.
    - : **Architected and executed a full-stack application** using **MongoDB, Express, React, Node.js**
    - : **Established admin portal** for project tracking, employee tasking, and management
    - : **Designed and developed RESTful APIs** for CRUD operations
    - : **Created responsive UIs** with mobile-first design approach
    - : Used **Git workflow** for version control and **collaborated with cross-functional teams** (UX, DevOps, QA)
    - : Worked on **Web App Development, CRM systems**, and more

PROJECTS

- **EduConnect** — *(MERN Stack)* **GitHub**:
    - **Problem Solved**: Students will not be able to submit their duplicate assignments
    - Established virtual classroom platform with **SHA256 hashing** for plagiarism detection and prevention
    - Coded backend using **Express.js, Socket.io, MongoDB/Mongoose, JWT** authentication, **bcryptjs** encryption
    - Integrated **Cloudinary** storage, **Multer** uploads, and document processing with docx-reader/pdf2json
    - Created responsive frontend with **React, Vite, Tailwind CSS, Socket.io-client** for real-time features

- **ASK MY TEACHER** — *(MERN Stack)* **GitHub** **Demo**:
    - Developed educational platform connecting students with teachers for doubt-solving sessions
    - Enabled real-time doubt resolution with 95% faster response times compared to traditional methods
    - Constructed backend with **Node.js, Express.js, MongoDB/Mongoose, JWT** authentication, **bcryptjs** encryption
    - Used **Cloudinary** file storage, **Nodemailer** notifications, and **express-validator** input validation
    - Customized responsive UI using **React, Aceternity UI, Tailwind CSS, Axios** for API communication

- **Homyz** — *Real Estate Web App (MERN Stack)* **GitHub**:
    - **Launched** a comprehensive real estate platform for **property search**, **listing**, **booking**, and sale/rent options
    - **Programmed** backend using **Node.js, Express.js, MongoDB** and implemented secure authentication.
    - **Enabled** advanced search filters for property type, amenities, and integrated **interactive maps** for location data
    - **Implemented user profile management**, visit booking, favorites, and property detail views with image galleries
    - **Designed** a responsive frontend with detailed listings, **virtual tours**, and neighborhood information display

EDUCATION

- **Vellore Institute of Technology-Bhopal** 2022 – Ongoing
  B.Tech in Computer Science (CGPA: 7.94)

ACHIEVEMENTS

- **Smart India Hackathon 2024**: Internal Finalist (All 3 Rounds)
- **BlockBash Hackathon 2023**: Finalist at HackerEarth
- **IIT Jammu ALGOBASH**: Secured top 20 position with 177/200 points

EXTRA-CURRICULAR & SOFT SKILLS

- ∗ Initiated and organized a **Math Modelling Competition** for 500+ students on campus, demonstrating leadership and coordination.
- ∗ **Mentored juniors** and adapted quickly to new technologies and tools.