Rohan Dhiman

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⋄ Rohan Dhiman | LinkedIn ⋄ (github.com)

OBJECTIVE

To develop innovative and effective Software solutions that help in automation and can be integrated with newer AI/ML pipelines maintaining scalability in the system alongside leveraging on my mathematical skills to inference and adopt.

EDUCATION

Bachelor of Engineering in Computer Engineering, Thakur College of Engineering and Technology   Expected 2026

CGPA – 9.*59*

SKILLS

Skills	React, MERN-stack, Deep Learning, Tensor flow, MySQL, Machine Learning, Docker, Competitive Programming, Data Structures and Algorithms, OpenCV, Github Actions, Linux
Languages	C++, Java-script, Python, Java
Acquired Proficiency	Videography, Public Speaking, Drawing *(Intermediate),* Blender3D, Chess, Volleyball

EXPERIENCE

Backend-Engineer   Nov 2024 - Present

Fyre-gig

- Developed business logic for a fintech startup, secure scalable and efficient architecture (deployment , buckets ,SNS)
- Integrated AWS services, including deployment, S3 buckets, and SNS for notifications.
- Implemented payment gateway integration for seamless transaction processing
- Designed and optimized database schemas and application logic
- Built real-time chat systems using Web Sockets and Redis for low-latency communication   *TCET*

Problem-Setter   March 2023 – Present

Shastra Coding Club   *TCET*

- Designing and curating challenging problems centered around Data Structures and Algorithms (DSA) for campus contests and placements, helping others by making pdfs about various DSA and programing concepts

Achieved 2-star on CodeChef. (CodeChef-Profile**)**
Winner (1'st prize) at HACK'NDORE 2024 (national level hackathon)
Winner (Runnerup) at Logithon Indian Institute of Technology Bombay iit-b
Winner LOC (1st prize) at LOC 7.0 at DJ.sanghvi
Finalist at Pitchers 3.0 Indian Institute of Technology Jammu iit-j

PROJECTS

Neural Network Library for Multi-Layer Perceptron (MLP) using NumPy. This project entails the creation of a versatile neural network library akin to TensorFlow but tailored for smaller-scale applications. The library focuses on implementing a Multi-Layer Perceptron (MLP) architecture using NumPy. Made without use of external libs (Try it here)
Question-Paper-Generator : Developed an algorithm and web app using the MERN stack and NLP techniques for generating question papers for college examinations.
(Used by TCET)
Water-price-management: Developed a web app for the Indore Municipal Corporation to optimize water supply, enhance situational awareness, and predict prices. *(Winner of the 1st prize at HACK'NDORE 2024 (national hackathon))* (Try it here)
The catalyst Tree: Developed advanced scalable backend for a client project (UK-based), Deployed it on AWS. (NDA)

CERTIFICATION

- Machine Learning Specialization (4 courses) ~Andrew N.G Coursera

- Deep Learning Specialization (5 courses) ~Andrew N.G Coursera   (currently enrolled in)

PRASANNA PANDHARIKAR

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OBJECTIVE

Aspiring Software Developer with foundational knowledge in building web applications using Next.js and React. Eager to grow skills in creating responsive and dynamic user interfaces. Passionate about learning and improving in modern web development practices, with a focus on frontend technologies and a commitment to building efficient and user-friendly applications. Enthusiastic about exploring new technologies and contributing to impactful projects.

EDUCATION

Bachelor of Technology in Electronics and Telecommunication

Sardar Patel Institute of Technology   Expected 2026
Current CGPA- 8.2

Minors in Computer Engineering, Sardar Patel Institute of Technology   Expected 2025

TECHNICAL SKILLS

Programming Languages	C, C++ , MySQL, Java
Developer Tools	Git, Visual Studio Code, Figma
Tech Stack	MongoDB, Express, React, Node, Websocket, Next.js

PROJECTS

MyBuddy - Developed a web application to bridge the educational gap for NEET/JEE/CET aspirants by connecting them with college mentors for topic-specific, personalized guidance.

- Mentor Matching Algorithm: Pairs students with college mentors based on the specific topic and expertise, ensuring effective learning sessions.

- Online Meeting with Audio Recording: Facilitates secure and focused online meetings, with audio recordings analyzed to maintain a professional and constructive learning environment.

- Interactive Chatroom and Live Document Editor: Integrated a real-time chatroom for ongoing discussions and a collaborative document editor for shared note-taking, enabling students and mentors to work together effectively during their learning sessions.

HarvestHub: Multilingual Marketplace and Assistance Portal - HarvestHub, a comprehensive web platform that empowers farmers to sell their products and access vital government schemes, enhancing their livelihood opportunities and market reach.

- Implemented multilingual support and a user-friendly interface to cater to a diverse audience, along with a chatbot for real-time assistance, ensuring a seamless user experience for all users.

- Community Engagement and Dashboard: Developed a dedicated dashboard that allows farmers to track their sales, manage listings, and connect with other farmers for knowledge sharing and support, fostering a sense of community and collaboration within the agricultural sector.

EXTRA-CURRICULAR ACTIVITIES

Technical Head, WIE IEEE, S.P.I.T   Oct 2024 - Present
- Organizing coding workshops, mentoring students, and leading tech initiatives.

Head of Creatives, OCULUS, S.P.I.T   Aug 2023 - Mar 2024
- Managed branding, designed promotional content, and increased event engagement.

AAKASH MOKANI

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OBJECTIVE

Experienced and well-learned full-stack developer with a specialization in Next.js. I bring advanced expertise in cutting-edge frontend technologies, including Three.js, Lenis, and GSAP, to create dynamic, immersive, and high-performance web applications. My deep understanding of modern web development frameworks and my ability to innovate at the intersection of design and technology enable me to deliver exceptional user experiences.

EDUCATION

Bachelor of Technology in Computer Engineering, Sardar Patel Institute of Technology   Expected 2026
Current CGPA: 8.6/10.

SKILLS

Programming Languages	C++, JavaScript, TypeScript, Java, Prolog
Frameworks and Tools	Next.js,GSAP,Supabase, PostgreSQL, Docker, Git, GitHub, Figma,
Soft Skills	Creativity, communication, collaboration, adaptability, problem-solving

PROJECTS

JOB WE MET (Next.js, Clerk, Supabase, WebRTC, Stream SDK): A one-stop solution for recruiters and candidates. A multi-functional platform that streamlines the hiring process through three core features:

- **Job We Meet Interview Dashboard:** Integrates video-calling for a seamless interview experience, ensuring an efficient recruitment workflow.

- **Code We Meet IDE:** An embedded coding environment using Monaco Editor, allowing candidates to practice, showcase, and validate their technical skills during interviews.

- **Comprehensive Job Listings:** Enables recruiters to post job opportunities while candidates can browse and apply. Also aggregates job postings from across the web using web scraping for increased reach.

Try it here.

HAHA-HARMONY (Librosa, Three.js, HTML, CSS, Socket.IO): Created a music community platform using Three.js for an interactive UI, Socket.IO for real-time, Discord-like sharing features, and Librosa for a sophisticated music genre identification system. The platform fosters a collaborative and engaging environment for music enthusiasts, leveraging advanced technologies to deliver a unique user experience. GitHub Repository

CODECRUX (Next.js, TypeScript, D3.js, Supabase, Socket.IO): Developed a gamified DSA learning platform where users explore levels and cities while mastering DSA concepts through interactive visualizations. Integrated a profile dashboard summarizing progress across multiple DSA platforms and a collaborative community for doubt resolution. GitHub Repository

ESPEON (Blockchain, Solidity, Next.js, TypeScript, Web3.js): Developed a decentralized esports platform where players can exchange in-game items as NFTs, participate in tournaments, and track performance through an integrated stats extension. Implemented an anti-cheating tool and a unified intergame profile system for a seamless competitive gaming experience. GitHub Repository

EXPERIENCE

Tech Head   Jan 2022 - Present
W.I.E SPIT   *Mumbai, India*

- Designed their management application for the BBB Hackathon, supporting 150+ concurrent active users. Implemented QR-based attendance for participants and meals, form filling, and problem statement allocation, along with direct communication with the WIE team through the application.
- Designed their college website.

EXTRA-CURRICULAR ACTIVITIES

I have experience in theatre, writing sketches and poems, and producing music using FL Studio while experimenting with a launchpad. I also explore design, editing, and fashion as creative outlets.

ACHIEVEMENTS

- **CSI-SPIT Odyssey** – Best Solution for Given Problem Statement Winner, 2025
- **RGIT CODEASTRA** – Winner, 2025
- **Etherwire.AI** – Winner, 2024
- **IEEE Bombay Section E-Waste Conclave** – Winner, 2024
- **SM Parekh Debate** – Runner-Up, 2022
- **NCSC Maharashtra State** – Winner, 2018

KRRISH NICHANII

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EDUCATION

Bachelor of Technology in Computer Engineering, Sardar Patel Institute of Technology   Expected 2026
Current Cgpa : 9/10.

Minors in Management from SPJIMR   2023-present

Jee Mains- Percentile: 95.7 , **MHTCET**- Percentile: 99.65

SKILLS

Programming Languages	Java, JavaScript, Python
Databases	MySQL, MongoDB
Frameworks	Node.js, Express.js, React
Libraries & Tools	Bootstrap, Tailwind CSS , daisyUI ,RTK ,Redux
Version Control & Package Management	Git, GitHub, npm

PROJECTS

Learning Management System (LMS)   **Github**

- **Subscription-Based Course Access:** Users can subscribe to paid courses for full access to course materials, while free courses are available without a subscription.

- **Interactive Doubt Resolution**: Integrated live doubt resolution system enabling real-time interaction with experts.

- **Comprehensive Admin Panel:** Displays user statistics and offers extensive management capabilities.

MERN Ecommerce   **Github**

- **Ecommerce Website with Admin Panel:** Features user authentication and an intuitive admin panel for managing products and orders.

- **Personalized Recommendations:** Recommends products based on the user's previous purchases to enhance their shopping experience.

- **Custom Filters:** Offers dynamic filters for more efficient product searches within individual categories.

Gatherly   **Github**

- **Collaborative Workspace Platform:** Developed a web application where users can create or join workspaces, manage channels, and collaborate through group chats or direct messages.

- **Scalable Messaging Architecture:** Implemented efficient message handling with Redis queues for email notifications and improved real-time communication reliability.

- **Full-Stack Solution:** Built using the MERN stack (MongoDB, Express.js, React.js, Node.js) with secure user authentication and state management.

ACHIEVEMENTS

- **Selected for Amazon ML Summer School 2024** — Among 3,000 participants selected from over 100,000 applicants nationally, recognizing advanced knowledge and skills in machine learning and deep learning.

- **Leetcode** - 1906 rating on Leetcode(Knight)

- Got one of the highest pointers in my college and got selected for Minors in management in SPJIMR .