

# Raghav Nagpal

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## Education

### SRM Institute of Science and Technology

September 2021 – June 2025

Bachelor of Science in Computer Science ( AI & ML ) (CGPA: 8.57 / 10.00)

NCR Campus, Delhi

- **Relevant Coursework:** Data Structures and Algorithms (C++), Programming and Problem Solving, Operating Systems, Software Engineering and Project Management, Computer Networks, Computer Communication, Database Management System, Object Oriented Programming

### Sri Guru Harkrishan Senior Secondary Public School

April 2020 - May 2021

Senior Secondary

Chandigarh, Punjab

## Experience

### Moneyflo

August 2023- October 2023

Product Design & Front end Development Intern

Remote

- Lead user-centered product design aligned with business goals, emphasising creativity and detail
- Bridge design concepts to front-end development for functional, visually appealing outcomes

### Moneyflo

June 2023- July 2023

Product Design Intern

Remote

- Collaborated on product design to align with user and business goals during internship
- Engaged in the entire product life cycle, applying industry best practices
- Translated designs into code for seamless implementation

## Projects

### Aura: HR and Finance Management System | ReactJS, NodeJS, Redux, Prisma

- Developed web app using React and Supabase for employee expense, payroll, and benefits management
- Implemented approval workflows, payroll processing, benefit administration, and data visualization
- Utilized React Hook Form and Recharts for enhanced functionality

### Nexus | NextJS, Supabase, Tailwind, Clerk, Zego Cloud

- Created real-time collaboration app with Kanban board, video calling, and chat functionality
- Integrated interactive components for optimal user experience in collaborative environments

### MediSync - Medication and Vital Tracking App | Product Design, UX Design, Figma

- Designed user-friendly app for daily medication reminders and vital sign tracking
- Conducted user research and created prototypes using Figma, following Agile methodology

## Technical Skills

**Languages:** Python, SQL, Javascript, Typescript, HTML5, CSS3

**Deep Learning:** PyTorch, LLM Tools, Prompt Engineering, Computer Vision, Natural Language Processing (NLP)

**Machine Learning Libraries:** NLTK, spaCy

**Version Control:** Git, GitHub

**Development Practices:** Software development principles, Implementing research papers, Problem-solving, Complex data analysis

**Frontend Technologies:** ReactJS, NextJS, UI Libraries, Rest APIs, GraphQL

**Backend Technologies:** NodeJS, Express, MongoDB

**Dev Tools:** GitHub Actions, Bash scripts, NPM/Yarn

## Achievements

- Qualified for **final round in HackInnovate**, SRMIST's National Level Hackathon out of 100+ teams
- Designed a UPI mobile application at Design Forge organized by college using Figma and Protopie. Performed user research, prototyping, and created a landing page. Qualified in the **Top 10 Teams**
- Designed and developed a college student-centric shopping mart website. Qualified for the **Final Round** of JamShack 2023 hackathon hosted by **NIT Agartala**