



# Ruchi Kumari

✉ [ruchiar197@gmail.com](mailto:ruchiar197@gmail.com) ☎ 6239669428 📍 Chandigarh

🔗 [ruchi-portfolio-five.vercel.app/](https://ruchi-portfolio-five.vercel.app/)

🌐 <https://www.linkedin.com/in/ruchi-kumari-1907-a2410-2004-khushi/>

🐙 <https://github.com/khushi-1907>

## PROFESSIONAL SUMMARY

Highly motivated Full-Stack Developer with hands-on experience in building and implementing web applications using **MERN stack, Django REST Framework, Next.js, and PostgreSQL**. Proven expertise in **developing, testing, and debugging high-performance software solutions** with a strong attention to detail. Skilled in **JavaScript, Python, React.js, Node.js, and database technologies**. Strong problem-solving abilities, excellent communication skills, and a passion for learning and applying new technologies to deliver impactful solutions.

## EXPERIENCE

06/2024 – 07/2024  
Chandigarh

### Hartron Skill Center

MERN Stack Developer - Project-Based Training

- Completed hands-on MERN stack training with real-world project development
- Designed and developed Academic Planner, a full-stack web application using React.js, Node.js, Express.js, and MongoDB.
- Implemented JWT-based authentication and role-based access control.
- Developed RESTful APIs and integrated AI-powered recommendations.
- Used Git and GitHub for version control and deployed on Vercel.

## EDUCATION

2023 – 2026  
Landran, India

### Bachelor of Technology in Computer Science Engineering

Chandigarh Group of Colleges

2020 – 2023  
Chandigarh, India

### Diploma in Computer Science Engineering

Chandigarh College of Engineering and Technology

Chandigarh, India

### Matriculation (ICSE)

Tender Heart School

Percentage: 87.4%

## TECHNICAL SKILLS

### Languages

JavaScript, Python, C++, Java

### Databases

MongoDB, PostgreSQL, MySQL

### Frontend

React.js, Next.js, HTML5, CSS3,  
Tailwind CSS

### Concepts

REST APIs, JWT Authentication,  
Role- Based Access Control,  
OOPS, Agile

### Backend

Node.js, Express.js, Django REST  
Framework

### Tools

Git, GitHub, Postman, Linux,  
Vercel, Render

Languages

English

Hindi

Punjabi

ACADEMIC ACHIEVEMENT

**Qualified for the Regional Round of the World Computer Hacker League (WCHL) 2025** [↗](#)  
BlockseBlock in collaboration with ICP India  
Qualified for the Regional Round of the World Computer Hacker League (WCHL) 2025, showcasing innovation, teamwork, and problem-solving skills in competitive hackathon challenges.

CERTIFICATIONS

**HackerRank Certified Frontend Developer (React)** [↗](#)  
Verified certification demonstrating proficiency in React for frontend development.

**Project Training in MERN Stack, Hartron Skill Center** [↗](#)  
Hands-on training in MERN stack with full-stack project build.

**GenAI-Powered Data Analytics Virtual Experience, Tata iQ (via Forage)** [↗](#)  
Tata iQ (via Forage). Job simulation with AI-powered data analytics tasks.

**Python Training, Infowiz Software Solutions**  
Covered Python basics and core programming concepts.

**Prompt Engineering Course, Infosys Springboard** [↗](#)  
Completed a comprehensive course on Prompt Engineering, gaining skills in crafting effective prompts and optimizing interactions with AI models.

**Employability Skill Development Training Programme, Mahindra Pride Classroom, Naadi Foundation**  
Soft skills, communication, and professional readiness training.

KEY PROJECTS

**Academic Planner - AI-Powered Student Productivity Suite** [↗](#)  
Stack: React, Node.js, Express, MongoDB, Tailwind CSS, JWT, Open Router API

- Developed a full-stack MERN application for student productivity using React, Node.js, Express, and MongoDB.
- Implemented JWT-based authentication and role-based access control.
- Integrated AI features using OpenRouter API to generate personalized study recommendations.

**PasswordVaultApp - Privacy-First Password Manager** [↗](#)  
Tech: Next.js, TypeScript, MongoDB, AES Encryption

- Built a zero-knowledge password manager with client-side AES encryption, ensuring passwords are never accessible on the server.
- Implemented secure authentication and session handling for protected access to user vaults.
- Added password auditing and strong password generation to detect weak or reused credentials.

**Task Vault - Full-Stack Task Manager | Full-Stack Task Tracker** [↗](#)  
Stack: React, Django REST Framework, PostgreSQL, JWT

- Developed a full-stack task management application using React, Django, and PostgreSQL.
- Implemented JWT-based authentication with secure user access.
- Added real-time filtering, deadline tracking, and light/dark mode.

Interests

- Volunteering
- Reading

## Currently Building:

### **EventX System (Django + React)**

Role-based event platform with faculty control, QR check-ins, analytics