# Ruchi Kumari

✉ ruchiar197@gmail.com   📞 6239669428   📍 Chandigarh

🔗 ruchi-portfolio-five.vercel.app/

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

⌂ https://github.com/khushi-1907

## PROFESSIONAL SUMMARY

Full-Stack Web Developer with hands-on experience in designing, developing, and deploying scalable web applications using **React, Next.js** ↗**, Node.js** ↗**, Django REST Framework, and PostgreSQL**. Strong foundation in **Data Structures & Algorithms, RESTful API development, authentication & authorization (JWT), role-based access control**, and clean code practices. Proven ability to build secure, responsive, and performance-optimized applications following **Agile and SDLC methodologies**.

## EXPERIENCE

**01/2026 – 03/2026**
**Chandigarh**

**Atom Pluton Technology**
Software Developer - Intern
- Developed and enhanced backend features using **RESTful APIs**, secure **JWT-based authentication**, and role-based authorization.
- Implemented scalable server-side logic using **Node.js** ↗ **and Django REST Framework**, improving data handling and application reliability.
- Debugged and resolved production issues, ensuring stable and error-free feature delivery.
- Collaborated with mentors and team members in an **Agile environment**, participating in code reviews and sprint-based development.
- Used **Git and GitHub** for version control while following **SDLC and clean coding standards**.

## 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, C++, Python, Java

**Concepts**
Data Structures & Algorithms, Object-Oriented Programming (OOP), System Design Basics, REST APIs, JWT Authentication, Role-Based Access Control (RBAC), CRUD Operations, Agile

**Backend**
Node.js, Express.js, Django REST Framework, RESTful APIs, Server-Side Logic

**Databases**
MongoDB, PostgreSQL, MySQL

**Frontend**
React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design, Component-Based Architecture

**Tools**
Git, GitHub, Postman, Linux, Vercel, Render, Version Control

## Languages

| | | | |
|---|---|---|---|
| English | ●●●●● | Hindi | ●●●●○ |
| Punjabi | ●●●○○ | | |

## ACADEMIC ACHIEVEMENT

**Qualified for Regional Round**
World Computer Hacker League (WCHL) 2025, organized by BlockseBlock in collaboration with ICP India.

## CERTIFICATIONS

**Frontend Developer (React)**
Certified by HackerRank

**MERN Stack Training**
From Hartron Skill Center

**Python Training**
From Infowiz Software Solutions

**GenAl-Powered Data Analytics Virtual Experience**
Tata iQ (via Forage)

**Prompt Engineering Course**
Infosys Springboard

**Employability Skill Development Training Programme**
By Mahindra Pride Classroom, Naadi Foundation

## KEY PROJECTS

**Academic Planner - Al-Powered Student Productivity Suite** ⬀
Stack: React, Node.js, Express, MongoDB, Tailwind CSS, JWT, Open Router API
- Developed a **full-stack MERN application** with secure JWT-based authentication and role-based access control.
- Built **CRUD-based RESTful services** for tasks, schedules, and productivity tracking.
- Implemented **AI-driven features via API integration** to generate personalized study recommendations.
- Optimized frontend UI for **responsive design and improved user experience**.

**Password Vault - Privacy-First Password Manager** ⬀
Tech: Next.js, TypeScript, MongoDB, AES Encryption
- Built a **zero-knowledge password manager** with **client-side AES encryption** to ensure data security.
- Implemented **secure authentication and session management** for protected access.
- Added **password auditing, strong password generation**, and security checks to prevent weak credentials.
- Focused on **secure API handling and privacy-driven architecture**.

**Task Vault - Full-Stack Task Manager | Full-Stack Task Tracker** ⬀
Stack: React, Django REST Framework, PostgreSQL, JWT
- Developed a **scalable full-stack task management application** using React and Django REST APIs.
- Implemented **JWT-based authentication**, user-specific data access, and secure APIs.
- Added **real-time filtering, deadline tracking, and light/dark mode**.
- Improved application performance through **optimized queries and efficient state management**.

## Interests

- Volunteering
- Reading