

# VANSH AHUJA

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Motivated and adaptable Software Developer with excellent communication skills, excelling in stakeholder collaboration, process optimization, and delivering innovative solutions. Skilled in crafting responsive, user-centric websites, integrating scalable backend APIs, and working seamlessly with cross-functional teams. Committed to delivering high-quality results with professionalism.

## SKILLS

Programming Languages	Java , Python , C++
Web Development	ReactJS, NextJS, NodeJS, JavaScript (ES6+), MongoDB, REST APIs
Tools & Technologies	Git, GitHub, Docker, Azure , AWS, AI Tools Microsoft Word, Excel, and PowerPoint
Core Competencies	OOPS, Data Structures, DBMS, SDLC , Agile development
Soft Skills	Excellent analytical and communication, Collaboration , Teamwork , Problem-solving
Certifications	<a href="#">Azure Essentials</a> , <a href="#">AWS</a> , <a href="#">ML Algorithms</a> , <a href="#">Crash Course on Python</a>

## EXPERIENCE

### Full Stack Developer Intern

Dec 2024 - Present

HYPE Intern, Dehradun, India

- **Designed and implemented** a scalable admin portal for e-commerce sales tracking, increasing operational visibility by **30%**.
- Enhanced **data-driven decision-making** and optimized reporting pipelines, reducing error rates by **15%**.

### Machine Learning Intern

Jul 2024 - Aug 2024

TBI GEU, Dehradun, India

- **Boosted model accuracy by 15%** through **dataset preprocessing** and advanced feature engineering.
- Improved performance using **MATLAB-based optimizations**, accelerating workflow efficiency by **20%**.

## PROJECTS

### Secure Storage Application — Next.js, Appwrite, Tailwind CSS [GitHub](#)

Oct 2024 - Nov 2024

- Developed a secure file storage platform enabling users to upload, share, and manage files (photos, videos, and documents).
- Implemented OTP-based secure login/signup, improving authentication success rates by **20%**.
- Enhanced file accessibility with responsive dashboards and advanced filtering options , increasing user satisfaction by **25%**.
- Designed a flexible storage plan system with adjustable pricing, achieving a **15% boost in user retention**.

### Personalized Learning Platform — MERN Stack, Gemini API, JWT Authentication [GitHub](#)

Aug 2024 - Sep 2024

- Created an AI-powered learning platform delivering customized learning paths based on user inputs using **Gemini API**.
- Integrated JWT-based authentication to enhance platform security, reducing unauthorized access by **30%**.
- Designed a user-centric, responsive dashboard for seamless navigation and progress tracking.

### Real-Time Collaboration Tool — Next.js, Clerk, Liveblocks, Tailwind CSS [GitHub](#)

Jun 2024 - Jul 2024

- Engineered a real-time multi-user platform supporting document co-editing, improving team productivity by **30%**.
- Implemented live editing visualization, enabling real time changes , reducing workflow delays by **25%**.
- role-based access control (read, write, and admin roles), cutting unauthorized access with Clerk by **40%**.

## ACHIEVEMENTS

- **Top 8 Finalist**, Fuel the Future Challenge (Internshala, PepsiCo), selected from **10,000+ participants**.
- **5th Position**, CoDevClub Hackathon, selected from **300+ participants** for an **inventive solution** to real-world problems.
- **2nd Position**, CodeRush Competition, demonstrating **data structures**, algorithms, and **problem-solving** expertise.

## EXTRA-CURRICULAR ACTIVITIES

### Co-founder & Organizer, Utopia Club, GEU

Led and co-founded the Utopia Club, organizing **4+ successful events** with participation of over **1500 students**.

### Virtual Internships - J.P. Morgan & Accenture via Forage

Gained **hands-on experience** in **CI/CD pipelines**, automation, real-time data visualizations, and Spring Boot, enhancing **cloud computing** and **DevOps** expertise.

## EDUCATION

**B.Tech in Computer Science** Graphic Era Hill University, *CGPA: 7.88/10*

2021 - Present

**Relevant Coursework:** Data Structures, Software Development Lifecycle, Cloud Computing and DevOps, Database Systems, Computer Networks, Embedded Systems, Testing.