

# Jatin Gupta

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• Location – Kanpur Nagar (Uttar Pradesh) • GitHub - github.com/jatin009v • Portfolio - jatinguptaportfolio.netlify.app

## PROFESSIONAL SUMMARY

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Skilled Full Stack Web Developer specializing in the MERN stack (MongoDB, Express.js, React.js, Node.js) with expertise in Recoil for React state management. Proficient in both SQL and NoSQL databases, including PostgreSQL and MongoDB, and experienced with ORMs like Prisma. Knowledgeable in DevOps practices for seamless CI/CD pipelines. Additionally, experienced in Cybersecurity and Ethical hacking tools such as Burp-Suite, John the Ripper, Wireshark, and OSINT. Familiar with server monitoring tools like Loki, Prometheus, and Grafana. Successfully completed the CEH v12 course, demonstrating a strong commitment to staying current with industry trends. A strong problem-solver and collaborative team player, dedicated to delivering high-quality solutions.

## SKILLS

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- **Programming Languages:** JavaScript, Python, Java, C++, C, C#.
- **Web Development:** React, Angular, Node.js, HTML, CSS.
- **Databases:** MySQL, MongoDB, PostgreSQL PHP.
- **Framework :** Prisma ORM, WebSockets, TypeScript.
- **Server Monitoring Tools :** Loki, Prometheus, Grafana, Kafka, Apache Server.
- **Ethical Hacking Tools :** Burp Suite, John the Ripper, Wireshark, Bug Bounty, Penetration Testing.

## INTERNSHIP EXPERIENCE

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### Network Security and Ethical Hacking Intern

*Vital Skills Techkriti, IIT Kanpur*

*20 June - 20 July (2024)*

- Worked on "BadStore Penetration Testing" project, gaining hands-on experience in identifying and mitigating security vulnerabilities.

### Cyber Security Intern

*Prodigy Infotech*

*15 July - 15 August (2024)*

- Developed a **Network Packet Analyzer** to monitor and analyze network traffic.
- Created a **Simple Keylogger** for keystroke capturing and logging.
- Built a **Comprehensive Password Strength Checker** to enhance password security.
- Deployed a **Python Flask Web Application to App Engine Flexible** for efficient web hosting.
- Developed a Python script for **Encrypting and Decrypting Images using Pixel Manipulation** to secure visual data.

## EDUCATION

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### Bachelor of Computer Application (Pursuing)

CSJM UNIVERSITY KANPUR (U.P.)

*August 2022 - September 2025*

**CGPA 8.0/10 (Sem-4)**

### Class 12<sup>th</sup> - (UP Board)

kailas Saraswati Inter College

*April 2021 – April 2022*

**Percentage - 69%**

### Class 10<sup>th</sup> - (UP Board)

kailas Saraswati Inter College

*May 2019 – May 2020*

**Percentage - 77%**

## PROJECTS

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1. **Real Time Chat Application :** WebSocket, Node.js, React, Bootstrap, MongoDB, JWT.
2. **E-commerce Platform :** React, Node.js, MongoDB, AWS (auto-scaling, load balancing).

3. **Article Generator Website:** Langchain, OpenAI, Python, Flask.
4. **Online Learning Portal Fully Backend For 100 Users** ( HTML , CSS , JS , PHP , MySql ).
5. **Flappy Bird Clone:** JavaScript, HTML, CSS, Next.js.
6. **CodeSet.Quiz:** JavaScript, CSS, HTML.
7. **Network Packets Analyzer :** Displays relevant details like source and destination IP addresses, protocols (TCP, UDP, ICMP), and payload data.
8. **ChatGPT Clone UI Design (open API key):** Python , Flask.
9. **Made Website of Department of computer application** (Kanpur CSJM University): HTML, CSS, JavaScript. URL - <https://uiet4.netlify.app>
10. **3D VR Application “Niko\_Uni”** (A Virtual Reality Experience of CSJM University's ) : 3Js, DOM, Gemini AI.

## ACHIEVEMENTS

- Event head at TechFest2k24, CSJM University Kanpur: led the organization of three major events - DevDuel web development hackathon, Code Arena coding hackathon, and Brain Quest technical aptitude & logical code snippets. Managed the creation and maintenance of the event website - <https://dcatechfest2k24.netlify.app>
- 2nd rank holder at Geek-Week hackathon (web-dev) at CSJM University: developed an information website for CSJM Convocation Day and received a certificate of excellence.

Website made - <https://jatin009v.github.io/convo.github.io>

- Google Cloud Arcade Participant: Participated from January to June, winning 35 Arcade badges GCP labs.

Profile URL - [https://www.cloudskillsboost.google/public\\_profiles/355f770f-a1f0-437c-9551-15accb001861](https://www.cloudskillsboost.google/public_profiles/355f770f-a1f0-437c-9551-15accb001861)

- Won 3rd prize at the District Science Exhibition for an innovative concept to reduce air pollution caused by chimneys by placing charcoal filters on top.

## CERTIFICATIONS

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- **The Full Stack** (Issuing Organization: Meta).
- **Crash Course on Python** (Issuing Organization: Google Coursera)
- **Prompt Engineering for ChatGPT** (Issuing Organization: Vanderbilt University Associated with Coursera)
- **Google AI Essentials** (Issuing Organization : Google Coursera)
- **Introduction to Back-End Development** (Issuing Organization : Meta )
- **Data Structures** (Issuing Organization: University of California San Diego Associated with Coursera)
- **Google Cloud Fundamentals: Core Infrastructure** (Issuing Organization : Google Cloud )
- **Ethical Hacking Essentials (EHE)** (Issuing Organization : EC-Council )
- **Crash Course on Python** (Issuing Organization : Google )
- **System Administration and IT Infrastructure Services :** (Issuing Organization : Google )
- **Robotics internship** (Issuing Organization : Kodacy )
- **Android Apps Development** (Issuing Organization : Udemy )
- **Microsoft AI skill Challenge** (Issuing Organization : Microsoft )
- **Foundations of Cybersecurity** (Issuing Organization : Google )
- **Introduction to Robotic Process Automation** (Issuing Organization : Infosys springboard )
- **Introduction to OpenShift Applications** (Issuing Organization : Red Hat )
- **Database and SQL** (Issuing Organization : Infosys springboard )