

# Ujjwal Gupta

[Ujjwalg316@gmail.com](mailto:Ujjwalg316@gmail.com) ❖ (+91)9285432407 ❖ Bhopal, MP ❖ [Github](#) ❖ [Linkedin](#)

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## WORK EXPERIENCE

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### Geeks for Geeks

Nov. 2023 – May 2024

Role – Intern

Remote

- Authored and published technical articles on the GeeksforGeeks website, aiding students in acquiring technical knowledge.
- Vulnerability scanning on the website and reported a vulnerability of the website

### Let's Upgrade

Dec. 2023 – Jan 2024

Role – Brand Ambassador

Remote

- Promoted the brand among students and elevated the brand engagement leading the platform to cross 1 Million users.
- Communicate and build communities then lead them to use the platform for their benefit.

### IBM Skillsbuild

Oct 2023 – Nov 2023

Role – Cybersecurity Intern

Remote

- Developed a Command Line tool that facilitates sharing critical information using AES-256 encryption ([Tool](#)).
- Analyzed preventive measures for cybersecurity, focusing on implementing firewalls and securing networks.

### Biodesk

Dec 2023 – Jan 2024

Role – Intern

Bhopal, MP

- Delivered and contributed innovative solutions, optimizing the performance of the company's software products.
- Collaborated with the team to devise efficient solutions, showcasing strong time management skills while contributing to the optimization of the company's software products.

### Xtranet Private Solution Ltd

Sept 2022 – Dec 2022

Role – Customer Executive

Bhopal, MP

- We proactively addressed consumer concerns through active listening, building trust, and ensuring satisfaction.
- Played a key role in the company's growth by achieving optimal results and ensuring client satisfaction through collaborative teamwork.

## EDUCATION

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### Technocrats Institute of Technology

Oct 2021 - Present

Degree - Btech, Major – Artificial Intelligence and Machine Learning

Bhopal, MP

- Pursuing a Btech degree in CSE-AI/ML, to mold the world with impactful contributions in Artificial intelligence and Machine learning.
- Coordinator of Entrepreneurship Cell of Student Activity Council.

- Completed Higher Secondary education (12th) with majors in science stream with computer subject as optional subject and achieved 89 percent.

## PROJECTS

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### NOTES AUTOMATION BOT

- The telegram bot is built using Python programming language and hosted on Amazon Web Server
- The telegram bot helps a college student to download notes of their respective subjects.

### PERSONAL PORTFOLIO

- Utilized ReactJS to design and implement a responsive and visually appealing personal portfolio website.
- Deployed the website using Vercel, ensuring smooth and efficient continuous integration and delivery (CI/CD).

### MICROSOFT AUTOGEN (OPEN-SOURCE)

- Contributed to the Microsoft Autogen open-source repository, a project enabling task delegation to multiple AI models.
- Made significant contributions to both codebase and documentation.

### USER REGISTRATION AND AUTHENTICATION

- Led the development of a robust User Registration and Authentication system using JavaScript, Node.js, PostgreSQL, Express.js, and Knex.js.
- Addressed real-world challenges companies face for employee record management and role assignment, including administrator access. Achieved successful implementation, ensuring seamless functionality and security

### HANGMAN GAME

- Developed an interactive GUI Hangman Game using Python, Pygame, and PyCharm.
- Designed and implemented a user-friendly interface that allows players to guess correct words while facing the challenge of avoiding the hangman scenario.

### STEGANOGRAPHY ENCRYPTION TOOL

- Developed a Steganography Encryption tool using Python, and Bash, and implemented AES-256 encryption for enhanced security.
- Introduced an additional feature enabling text-in-image encryption, demonstrating innovation and proficiency in data security techniques.

## CERTIFICATIONS

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Internet of Things by Infosys Springboard, Google Cloud by Geeks for Geeks, Postman certification by Letsupgrade, and Cybersecurity By IBM Skillsbuild.

## SKILLS

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- Technical Skills:** C++ | Python | R | MongoDB | Postgresql | Postman | Linux | Bash | Javascript | Git/Github | Firewalls | System Administration | Shell Scripting | Automation | Generative AI | Cloud Computing | Vercel
- Soft Skills:** Time management | Attention to detail | Communication skills | Active listening |

## ACHIEVEMENTS

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- **Snapchat Hackathon-** Participated in and developed a lens for Snapchat.
  - **Election Hackathon by EC of India-** Worked on a project to increase the engagement of voters in the election.
  - **Leetcode & GeeksforGeeks-** Solved 200+ problems on these coding platforms.
  - **Open-Source Contributor-** Active open-source contributor and contributed to many big projects (Microsoft Autogen, etc)
- Meta Hacker Cup-** Participated in the international coding contest and achieved under 6500 rank among 50000.

## TECHNOLOGIES I HAVE SOME FAMILIARITY WITH

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- **Technologies-** Julia, Rust, Go, Google Cloud, Microsoft Azure, Blockchain, Solidity, Swift, Dart, Figma, Kotlin, PHP, Pearl, and Ruby.