

Ujjwal Gupta

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WORK EXPERIENCE

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

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.

M.L Memorial Hr. Sec School

July 2020 - March 2021

Degree - Higher Secondary (10+2), Majors- Science(PCM)

Bhopal, MP

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

PROJECTS

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

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

SKILLS

- **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 | Problem-Solving | Critical thinking.

ACHIEVEMENTS

- 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

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