AVINASH GUPTA

Prayagraj, Uttar Pradesh

📞 +91-9621218008 ✉ cse.avinash.gupta@gmail.com in https://www.linkedin.com/in/avinash-gupta-30aba016a

○ https://github.com/avianjjai Ⓗ https://www.hackerrank.com/avianjjai

https://leetcode.com/avianjjai

TECHNICAL SKILLS

Languages: Java, Python, C, C++, HTML, CSS, SASS, JavaScript, JQuery, Typescript, NodeJS, React, Spring Boot, PHP, SQL, C#, Threading, Machine Learning(ML)

Technologies & Tools: VS Code, Jupyter Notebook, Git, Google Colab, Selenium, Rest Assured

EXPERIENCE

Sprinklr (Automation Engineer)   10/07/2023 – Current

- Developed and implemented end-to-end UI and API automation frameworks, significantly enhancing testing efficiency and accuracy.
- Automated workflows reduced manual testing effort by streamlining repetitive tasks, ensuring faster and more reliable software delivery.
- Developed a setup script to streamline automation, optimizing configuration and reducing initialization time for efficient workflow.
- The script enhanced overall reliability of automated processes, ensuring a seamless and consistent setup, significantly improving operational efficiency.
- Created cleanup scripts to maintain data integrity and system efficiency post-execution, automating the process of removing temporary files and resetting environments.
- These scripts streamline maintenance tasks, ensuring a tidy and optimized system state for subsequent operations, enhancing overall workflow efficiency.

Keka Technologies (Full Stack Developer Intern)   05/10/2020 – 14/07/2021

- As a Full Stack Developer intern, proficiently utilized a diverse array of technologies including HTML, CSS, SASS, JavaScript, JQuery, Typescript, NodeJS, React, SQL, C#, and threading techniques.
- Developed comprehensive skills across the entire stack, from front-end design to back-end logic, gaining valuable hands-on experience.
- Leveraged these technologies to contribute effectively to various projects, demonstrating adaptability and a strong foundation in both front-end and back-end development during the internship.

EDUCATION

Motilal Nehru National Institute of Technology, Allahabad   2021 – 2023
*M.tech - Computer Science & Engineering - **CPI** - **9.25***   *Prayagraj, Uttar Pradesh*

Relevant Coursework: Advanced Algorithm, Advanced Database, Object Oriented Modelling & Design, Advanced Computer Networks, Advanced Data Modelling, Real Time System

Bundelkhand Institute of Engineering & Technology   2017 – 2021
*B.tech - Computer Science & Engineering - **Percentage** - **78.58%***   *Jhansi, Uttar Pradesh*

Relevant Coursework: Datastructure & Algorithm, DBMS, Operating System, Object Oriented Programming, Computer Networks, Web Development, Machine Learning

PROJECTS

Mtech Thesis: DDoS Attack Detection. | Python, ML, Google Colab   08/2022 – 06/2023

- Researched and authored an Mtech thesis centered on detecting Distributed Denial of Service (DDoS) attacks, showcasing specialized knowledge in cybersecurity and machine learning methodologies.
- Utilized Python programming to implement sophisticated algorithms and models for effective DDoS detection, highlighting proficiency in both programming and cybersecurity domains.
- Demonstrated the ability to bridge theory with practical application, contributing valuable insights to the field of cybersecurity through innovative research and experimentation.

Video-Conferencing ☒ | Python, Socket, Tkinter, OOPS, VSCode   **03/2022 – 04/2022**

- Developed a Video Conferencing application in Python, highlighting expertise in socket programming and network communication protocols for seamless real-time data transmission.
- mplemented a user-friendly graphical interface using Tkinter library, enhancing accessibility and user experience with intuitive controls and visually appealing design elements.
- Demonstrated proficiency in both backend functionality and frontend design, delivering a comprehensive solution for effective video communication.

B-Secure | Python, Tkinter, Security   **02/2021 – 05/2021**

- Created B-Secure, a Python application with Tkinter-based GUI, highlighting adeptness in GUI development for user-friendly interfaces.
- Implemented robust security measures to safeguard sensitive data, showcasing a deep understanding of secure coding practices and ensuring user privacy and data integrity.
- Combined technical skills in GUI design with security expertise, delivering a comprehensive solution for secure data management and user interaction.

EXTRA-CURRICULAR

Computer Science Students' Council - Cossco , BIET Jhansi   **2018 – 2021**

- Served as a Management Team Member of COSSCO, the Computer Science Students' Council, overseeing the organization of hackathons and actively participating in various tech events.
- Contributed to fostering a vibrant tech community by organizing events and engaging in collaborative learning opportunities within the computer science domain.

ACHIEVEMENTS

- Achieved Gold Medalist status in Mtech Computer Science & Engineering, reflecting academic excellence and proficiency in the field.
- Qualified for Assistant Professor role through UGC NET 2022 with a remarkable score of 170, showcasing aptitude for teaching and research.
- Attained a commendable Gate 2021 score of 624, securing a rank of 1630, underscoring strong technical knowledge and problem-solving abilities.
- Demonstrated problem-solving skills through solving competitive problems on platforms like LeetCode, HackerRank, GeeksforGeeks, and InterviewBit.
- Acted as a Subject Matter Expert (CSE) for Chegg India, resolving over 1800 questions, exhibiting expertise and proficiency in computer science concepts.