Vinaydeep Singh

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SKILLS

Languages: Python, Advanced SQL, JavaScript, R, Node JS, Java, React, HTML, CSS, AWS (IAM, EC2, S3).
Technologies: Metaspoitable, Hadoop, Linux, map-reduce, high availability clusters, socket programming, Jupyter, Cisco Packet Tracer, Flask, Pytorch, FastAI, Deep learning.
Operating Systems: Linux and Windows OS.
Languages: English, Hindi, Punjabi.
Certificates: The Complete 2023 Web Development Course ,   Cloud Security Framework Cybersecurity Alliance

WORK EXPERIENCE

iQ4 Corporation, Franklin Lakes, NJ   *November 2022-January2023*
Information Security Analyst Intern (Cloud Security)
- Managed a team of 7 cloud security interns, guiding them through weekly tasks aimed at improving their knowledge, skills, and abilities in the field.
- Conducted regular virtual stand-up presentations for 3 industry-mentors who were subject matter experts in cloud security.
- Gained cloud security experience, Risk Management experience, soft skills, and intellectual skills.
- Acquired and earned a cloud security credential recognized by the Cybersecurity Workforce Alliance, adding 350 hours of workforce experience to my qualifications.

Southern Connecticut State University, New Haven, CT   *January 2022- Ongoing*
Graduate Research Assistant
- Conducting Research on the Topic: Allele-Specific Expression and RNA sequencing in Bioinformatics.
- Optimized tools using data analysis and datasets on different organisms to perform Gene RNA sequencing by using different methods and programming Scripts in python and R in a Linux environment cutting processing time for data by 30%.
- Providing 1-on-1 Mentorship and guidance to 3 undergraduate students during the Research.

PMSTAC, Portland Metropolitan Area, Oregon   *October 2020 - June 2021*
Software Development Intern
- Employed best coding practices and object-oriented programming techniques to work on different software Projects using Python.
- Built responsive, accessible, and dynamic web pages using JavaScript, HTML and CSS leading to a 43% increase in website traffic.
- Presented Software Development and lifecycle reports to the CIO with 2 other interns, receiving recognition for design ideas and implementation.

Infosys, Mysore, India   *January 2020- March 2020*
Software Development Intern
- Successfully Completed the training program involving Java, SQL, Python, object-oriented programming, and data structures with a grade of A+ securing 90th percentile overall.
- Designed and developed complex SQL queries to extract, analyze, and manipulate data from large databases, improving efficiency and accuracy of data-driven decision making.
- Actively worked in an agile software development environment which utilized the Scrum process with 30 team members.

Oorjaa Social enterprise (NGO), Chandigarh, India   *July 2019 - July 2020*
Project Lead
- Established tactical control of project budgets and timelines to keep teams on task and achieve schedule targets leading to Increased efficacy by 40% and time reduction of 60%.
- Managed risk throughout the project life cycle and made contingency plans to manage issues that pose risk to budget, timely delivery, and functionality cutting operating costs by 20%.
- Oversaw weekly strategic operations and managed the workflow of 10 team members.

EDUCATION

Southern Connecticut State University – New Haven, CT   *August 2021 – June 2023 (expected)*
Master of Science in Software Development GPA: 4.0

Chitkara University – Punjab, IN   *July 2016 – July 2020*
Bachelor of computer engineering GPA: 3.7

Relevant Coursework: Network Security, Cybersecurity, Cryptography, Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Database and System architecture, Software Engineering, Object Oriented Programming, Computer Networks, Programming language concepts, Website development. Ethical Hacking and Penetration Testing, Database Design, Distributed Systems, Web Programming.