

VIKASH SINGH

Computer science student at Illinois Tech with 2.5 years of industry experience, seeking opportunities in the field of computer science

WORK EXPERIENCE

Programmer Analyst	December 2020 - December 2022
Cognizant Technology Solutions	Pune, Maharashtra, India
<ul style="list-style-type: none">Led global support teams in implementing Change Detection and Baseline Configuration policies for Linux servers. Managed local users and groups, providing necessary file system permissions, Oversaw end-to-end tool deployment, and integration, Handled Change Requests, Incidents, and Service Requests via ServiceNowMaintained Git version control workflows, participated in hot fix Docker image upgrades in Production and Lower-Level Environments, developed deployment scripts for consistent application rollouts, Managed Kubernetes pods across various environments, monitored Kubernetes clusters in Azure, and contributed to database activities and version upgrades, ensuring system stability and efficiency	
Software Engineer	July 2020 - December 2020
ProPeersInfo	Panchkula, Haryana, India
<ul style="list-style-type: none">I collaborated proactively with designers to create sleek interfaces and user-friendly experiences, managed project concepts and workflow optimization, and closely coordinated with senior developers to streamline intricate designs.	

SKILLS

Programming Language: Java, C++, Python (NumPy, pandas, matplotlib)

Web Technologies: NodeJS, React, JavaScript, jQuery, Bootstrap, HTML

Data Visualization Tool: Power BI, Tableau

Database: MySQL, PostgreSQL, MongoDB

Cloud Technology: Microsoft Azure, AWS

Others: Linux, Docker, Kubernetes, Git

EDUCATION

MASTERS IN COMPUTER SCIENCE , Illinois Tech Chicago, IL - GPA: 3.3/4	January 2023 - December 2024
Coursework: Advanced database, Software Project Management, Big Data Technologies, and Computer Network	

PROJECTS

Real estate management system – Academic Project - Link	April 2023
Built a comprehensive real estate management system for property rental, categorizing users as agents or renters based on their email addresses	
Managed user details, rental preferences, credit card information, property information such as type, location, or pricing	
Password manager Link	Spotify clone Link
Snake game Link	Clock Link
Customer sales analysis – Personal Project	September 2023
Leveraged SQL to extract and integrate data from 8 disparate sales databases through JOIN and VIEW operations	
Applied aggregating and filtering functions to enhance reporting efficiency	
Utilized Python for data visualization, enabling the identification of critical business insights for sales improvement	
Benefit package benchmarking dashboard – Personal Project	July 2023
Developed a Tableau dashboard for a client to facilitate the comparison of employee benefit packages	
Employed DAX and Excel to ensure data integrity and completeness	
Advised the client on leveraging advanced technologies to optimize data utilization	
Collaborated with the client to identify and showcase key metrics on the final dashboard	

LEADERSHIP ROLES

- Senator representing the College of Computing in the Illinois Tech Student Government Association
- Tech News Writer for Illinois Tech
- Provided support as a Community Desk Assistant at Illinois Tech