

Zinadin Hassan

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Education

Institute of Science and Technology

B.Tech in Computer Science and Engineering, GPA: 7.2

July 2022 – June 2025

Relevant coursework: Database Management Systems, Data Structures and Algorithms, Web Development, Software Engineering, Cloud Computing, Artificial Intelligence, Data Science.

Projects

Personal Portfolio Website

- Designed and implemented a fully responsive portfolio using HTML, CSS, and JavaScript, optimized for cross-device performance and fast load times. Integrated dynamic content sections to highlight technical projects and professional achievements, improving online visibility and personal branding.
- Live: github.io/Personal-Portfolio/

Medical Insurance Cost Analysis (MySQL, Python, Power BI)

- Designed and implemented a MySQL database to organize real insurance data, enabling efficient analysis of age, BMI, and smoking impacts on medical costs.
- Developed SQL queries and reports that identified key cost drivers, improving data-driven insights for insurance risk assessment.
- Created interactive Power BI dashboards visualizing regional cost differences, enhancing understanding of insurance pricing variability.

Stock Analysis Framework

- Developed a robust Python application to fetch, process, and visualize multi-source historical stock price data with real-time API integration. Implemented advanced data filtering and dynamic plotting to enable actionable insights into market trends. Achieved seamless support for multiple tickers and extensive date ranges, enhancing analytical depth.
 - GitHub: github.com/ZinginN04/Stock-price-trend
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Technical Skills

- **Programming Languages:** Java, Python, C++, MySQL
 - **Web Development:** HTML5, CSS3, JavaScript, Bootstrap
 - **Data Analysis & Visualization:** Power BI, Excel (Pivot Tables, VLOOKUP)
 - **Version Control:** Git, GitHub
 - **Additional Tools/Concepts:** Microsoft Office (Word, Excel, PowerPoint Presentation), REST APIs, Agile/Scrum, Software Testing
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Certifications

- Data Analytics and Visualization with Power BI – Udemy
 - SQL for Data Science – Coursera
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