Shourav Rakshit Ivan

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Education

University of Calgary	Canada, Calgary
Computer Science	Expected May 2025

- GPA: 3.5 / 4.0
- Relevant Courses: DBMS, Web-Based Systems, Software Project Management, Computer Networks (Java)

Technical Skills

Languages: Python, Java, C++, C, HTML, CSS, Javascript, MySQL, PostgreSQL, Microsoft SQL Server
Frameworks: React, Bootstrap5, Django, Express.js, Node.js, Material-UI.
Developer Tools: VS Code, PyCharm, Docker, Power BI, Tableau, Heroku, Microsoft Azure, Figma, SharePoint
Others: Linux, Computer Hardware, Microsoft Office, Microsoft Excel, Microsoft PowerPoint
Security: antivirus (AVG), malware removal (Malwarebytes), firewalls

Experience

Neuraura	July 2024 – Present
Data Analyst – (PCOS Impact Analysis)	Canada, Calgary

- Analyzed patient data related to Polycystic Ovary Syndrome (PCOS) using PostgreSQL to assess health outcomes and quality of life improvements.
- Developed interactive Power BI dashboards to visualize key findings, including blood group distribution, BMI impact, endometrium thickness, and age-based PCOS prevalence.

Notre Dame Science Club	August 2017 – July 2019
Program Administrator	Bangladesh, Dhaka

- Assisted in organizing events and guiding students during registration, demonstrating teamwork skills, utilizing Microsoft 365 and Windows 10.
- Helped teachers manage their schedules, ensuring smooth coordination of classes and club meetings.

Projects

Summarify MERN Stack Chatbot Service	Oct 2023 – Present
Full Stack Developer	Canada, Calgary

- Designed and managed RESTful API endpoints with Node.js and Express, ensuring efficient data transactions and connectivity with the MongoDB database.
- UI for the front-end to deliver a modern user interface, with React Context API for efficient state management across the application.
  Tools/Technologies: HTML, CSS, Express.js, Material-UI, MongoDB, React.js, Typescript, Docker.

IT Support Ticketing System	Jan 2024 – Present
IT Support	Canada, Calgary

- Streamlined IT issue resolution by designing and implementing an IT support ticketing system, reducing resolution time by 30%.
- Enhanced security by implementing Windows Active Directory for secure user login and authentication, ensuring 100% compliance with IT security policies.
  Tools/Technologies: PowerShell, Windows Server, Active Directory, SQL Server

Tokyo 2021 Olympics Data Analytics Project	July 2023 – Nov 2023
Data Analyst	Canada, Calgary

- Leveraged Microsoft Azure, specifically Synapse Analytics, to write and execute SQL queries for data analysis.
- Conducted ETL processes to cleanse and optimize data for analysis in Power BI.
- Power BI Visualizations: Created dynamic dashboards showcasing:
  - Top 5 countries by athlete count.
  - Top 10 countries by number of coaches.
  Tools/Technologies: Synapse Analytics, Azure Databricks, SQL, Apache Spark, Power BI, Kaggle.