📍 Calgary, AB, Canada | 📧 [Isaulakh2004@gmail.com](mailto:Isaulakh2004@gmail.com)| 📱 +1-|(672) 966 9372 | 🔗 [LinkedIn](https://www.linkedin.com/in/ibadatt-aulakh/) | 🔗 [GitHub](https://github.com/Ibadatt-2k)

# Summary

Bachelor of Computer Information Systems graduate with hands-on experience in Python software development, seeking to join as a Junior Software Developer in a reputed firm. Strong foundation in backend programming, databases, and API development, with a passion for building scalable software solutions.

# Technical Skills

**- Languages**: Python, Java, C++, SQL, Haskell  
**- Frameworks & Tools**: Django, FAST API, Git, Docker (basic)  
**- Databases:** MySQL, Oracle, MongoDB (beginner)  
**- Concepts:** OOP, Data Structures & Algorithms, Agile/Scrum  
**- Other:** PHP, HTML, CSS, JavaScript, AWS, UX/UI design tools, System Administration, AI & ML

# Experience

**Python Developer Intern / Trainee  
ObjectBright Inc – Vancouver, Canada | May 2024- August 2024- [4 Months]**

* Developed and deployed Python scripts to parse and extract structured data from PDFs, published clean, tested code to the main branch.
* Gained hands-on experience with web scraping tools such as BeautifulSoup, Selenium, and Requests to automate data extraction from dynamic and static websites.
* Collaborated in the QA process as a GitHub second approver, reviewing pull requests from peers alongside senior developers.
* Worked on back-end development using PHP and Laravel, connecting front-end interfaces to MySQL databases.
* Designed and implemented relational databases, focusing on normalization, indexing, and schema design.
* Integrated AI-assisted coding tools like copilot into the development workflow to enhance productivity and code quality.
* Set up. gitignore configurations to exclude sensitive or large SQL data from version control.
* Worked in an Agile team, participating in daily stand-ups and sprint planning.
* Implemented unit tests and improved code quality through version control (Git).

**Tech Support Representative   
Staples – Vancouver, Canada | Dec 2023- July 2025 [part-time during Study]**

* Formatting computer storage devices, Installation of new operating systems and anti-virus and building custom desktops.
* Provided Windows Server and Desktop support, troubleshooting and maintaining end-user systems.
* Implemented Group Policies (GPOs) to standardize configurations and improve security across devices.

# Projects

# (<https://ibadatt-2k.github.io/portfolio/>website)

* Developed a responsive, SPA-style portfolio using React and Vite (fast bundling + HMR)
* Integrated interactive visuals (e.g. 3D models in /3D\_model/bot, dynamic image galleries), enhancing user engagement
* Configured with .gitignore, CI/CD workflows under .github/workflows/pages for streamlined GitHub Pages deployment.
* Styled with custom CSS and deployed via GitHub Pages using Vite’s production build (package.json, vite.config.js)
* Included a metrics dashboard (stats.html) to visualize site activity or personal stats.

**Diabetes Risk Predictor – Machine Learning Web Application**[**GitHub Repo**](https://github.com/Ibadatt-2k/diabetes-risk-predictor?utm_source=chatgpt.com) **|** [**Live Demo**](https://diabetes-streamlit-frontend.onrender.com/?utm_source=chatgpt.com)**(https://diabetes-streamlit-frontend.onrender.com/?utm\_source=chatgpt.com)**

* Built and compared machine learning models (logistic Regression, Random Forest, XGBoost) to predict diabetes risk from patient health metrics.
* Developed a Streamlit frontend for interactive risk predictions, deployed via Render.
* Designed a FastAPI backend to support RESTful model inference.
* Performed data preprocessing, feature engineering, and evaluation using metrics like accuracy, precision, recall, and AUC.
* Leveraged GitHub version control, Docker containerization, and CI/CD deployment practices.

# Education

Bachelor of Computer Information Systems

From University of Fraser Valley – Vancouver, Canada in April 2025

# Extra-curricular

- Volunteer: Assisted a student group in building a simple web app.

* Developed and maintained a responsive WordPress website for clients across healthcare, finance, and e-commerce industries
* Collaborated with UI/UX designers and project managers to deliver mobile-friendly and SEO-optimized websites.
* Languages: English (fluent), Punjabi and Hindi