Faiyaz Sattar

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PROFESSIONAL SUMMARY

Recent Computing Science graduate with hands-on experience in full-stack development, IT troubleshooting, and cross-functional collaboration. Built and deployed a real-time vehicle monitoring system for Dawson Road Maintenance using Python, PostgreSQL, and Power BI, integrating REST APIs for automated alerts and geofence tracking based on client needs. Provided troubleshooting and technical support in collaborative projects, assisting with device setup, software configuration, and connectivity issues on Windows systems. Skilled in analytical thinking, resolving technical roadblocks, and delivering peer training. Demonstrated strong customer service and multi-tasking skills through academic and practical roles. Strong interpersonal and communication skills developed through peer support, team-based development, and project coordination. Known for empathy, adaptability, and problem-solving in dynamic, fast-paced environments.

SKILLS

- **Languages & Frameworks**: C#, Python, Java, PHP

- **Backend & APIs**: RESTful API Development, SQL, Server-Side Scripting

- **Frontend Technologies**: HTML, CSS, JavaScript, UI/UX Design (Figma)

- **Tools & Platforms**: Android Studio, Power BI, Visual Studio, Heroku, Firebase Console

- **Software Design & Architecture**: UML, Modular Design, Test Planning, Debugging

- **Cloud & Deployment**: AWS, Serverless Concepts, API Hosting, Database Management

- **Development Practices**: Agile Methodologies, Version Control, Documentation, Cross-Team Collaboration

PROJECTS

Trip Inspection Compliance System (GitHub 🔗)
Skills Used: **Python, PostgreSQL, Power BI, REST APIs, Heroku**

- Designed and deployed a vehicle monitoring system for **Dawson Road Maintenance** to identify missed trip inspections using GPS and telematics data.

- Developed control logic to compare actual vehicle movement with inspection logs, flagging anomalies and automating audit alerts.

- Created Power BI dashboards to visualize inspection compliance and geofence breaches, supporting performance monitoring and risk mitigation.

- Integrated external APIs for data validation and enabled real-time oversight, closely mirroring internal audit procedures and third-party assurance reporting.

EventSphere – Event Management Mobile App (GitHub 🔗)
Skills Used: **Android Studio, Java, Firebase Authentication**

- Built a secure Android app enabling users to create and manage events with real-time data sync.

- Implemented Firebase authentication and role-based access control, aligning with IT general controls and data protection standards.

- Ensured traceable event history and real-time logging, demonstrating practical understanding of data integrity and audit trail design.

FitBod – Fitness App UI/UX (GitHub 🔗)
Skills Used: **Figma, User Research, UI Principles**

- Designed wireframes and prototypes for a fitness tracking app following accessibility and usability guidelines.

- Conducted user research and translated insights into an optimized mobile UI layout.

FlixHub (GitHub 🔗)
Skills Used: **HTML, CSS, JavaScript, PHP, jQuery, SQL**

- Built a web application for exploring and managing movie collections.

- Developed the frontend using HTML, CSS, and JavaScript, and implemented dynamic functionalities with PHP and jQuery.

- Designed and managed a SQL database to store movie information, enabling efficient data retrieval and management.

EDUCATION

Higher Secondary Certificate(H.S.C), *Chattogram City College*   2017 – 2019
  GPA: 4.58 (Out of 5.00)   Chattogram, Bangladesh

Bachelor of Computing Science (B. C. S), *Thompson Rivers University*   2020 – 2025
    Kamloops, Canada

  GPA: 3.65 (80%)

  Relevant Coursework: Mobile App Development, Data Structures & Algorithms, Software Architecture, Web Development, UI/UX Design, Operating Systems, Cloud Computing, Artificial Intelligence, Network Security

PROFESSIONAL EXPERIENCE

Cash Lead, *Old Navy*   2022 – present
  Kamloops, Canada
- Resolved point-of-sale issues and coordinated with leads during register downtimes, maintaining service quality through effective problem-solving.

- Trained new team members on system operations and basic troubleshooting during onboarding.

- Developed calm, effective communication and multi-tasking skills in a fast-paced, customer-focused environment.

- Applied interpersonal skills to handle customer concerns and support smooth retail operations.

Dairy/Frozen Associate, *Walmart Supercenter*   2021 – 2022
  Kamloops, Canada
- Maintained accurate stock levels and enforced food safety protocols through inventory rotation, temperature checks, and compliance routines.

- Supported transformation of backroom inventory processes by identifying inefficiencies and improving shelf replenishment flow.

- Applied problem-solving to ensure product availability during peak periods and unexpected demand surges.

REFERENCES

Available if needed