MICHAEL TETTEY TAMATEY

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SUMMARY

Driven and detail-oriented technology professional with hands-on experience in software development, database management, and web application design. Proficient in Java, Python, C#, PHP, MySQL, JavaScript, Kotlin, TypeScript, and front-end technologies including HTML, CSS, and React. Adept at building scalable applications, integrating secure authentication systems, and optimizing database performance. Demonstrates strong capabilities in project management, strategic planning, and problem-solving, with a proven track record of delivering high-quality solutions in both collaborative and independent environments. Focused on leveraging technical skills and innovative thinking to drive results and support organizational growth.

TECHNICAL SKILLS

- JavaScript
- C#
- Java
- HTML/CSS
- MySQL
- PHP
- Python
- React
- Kotlin
- TypeScript
- Firebase
- PostgreSQL
- Git
- Bitbucket
- QA

SOFT SKILLS

- Critical Thinking
- Problem-Solving
- Package Handling
- Good Communication Skills
- Leadership
- Production Documentation
- PowerPoint
- Time Management
- Adaptability
- Collaboration
- Attention to Detail
- Creativity
- Emotional Intelligence

EDUCATION AND TRAINING

DIPLOMA: COMPUTER INFORMATION SYSTEMS   09/2024 to 04/2025
Holland College, Charlottetown, PE

PROJECTS

02/2025 to 04/2025

Resume Comparator – Web Application
The Resume Comparator is a web-based application designed to streamline the recruitment process by allowing authenticated users to compare candidate resumes with specific job postings. The system generates comprehensive reports, which can be downloaded or emailed to hiring managers, directors, or recruiters. Additionally, it automates communication by sending emails to successful candidates.

Technologies: Python, React.js, REST APIs, Email Services, JWT Authentication, AI Models, GROQ

Key Contributions:

- Led the development of all front-end components using React.js, ensuring a responsive and user-friendly interface.

- Integrated backend APIs with the front end to support real-time data comparison and dynamic content rendering.
- Implemented secure authentication mechanisms on both front-end and back-end using JWT.
- Developed the email notification system to automatically contact successful candidates and deliver comparison reports to directors or recruiters.
- Built CRUD functionality in the front end, enabling efficient resume and job posting management through API calls.
- Collaborated with backend developers to align API responses with front-end requirements.
- Created and executed test cases to verify core functionality and user flows.
- Documented QA testing procedures and maintained test reports for debugging and future reference.
- Ensured application performance and usability through debugging and optimization.
- Worked in an Agile environment, participating in sprint planning and code reviews.
- Utilize GitHub for version control, managing branches efficiently, and pushing changes to the main repository for collaboration

01/2025 to 04/2025

Pressure Washing Service Platform - Android Mobile App
This Project is an Android mobile application that complements the Pressure Washing Service web application. It enables users to book and manage residential and commercial pressure washing services. The app integrates seamlessly with the web platform, providing features for selection, booking management, payment processing, and an admin dashboard for monitoring revenue and client requests.

Technologies: Java, Kotlin, Android Studio, REST APIs

Key Contributions:

- Design and implement an intuitive UI for service selection, booking, and payment processing.
- Integrate Firebase for secure authentication and real-time synchronization with the web platform.
- Build dynamic pricing functionality using business logic, including discounts for multi-day bookings.
- Develop backend APIs to support app functionality and ensure data consistency with the web application.
- Optimize app performance, reduce load times, and enhance user experience.
- Enable offline data storage for seamless functionality in low-network scenarios.
- Manage development tasks and feature tracking using Jira.
- Implement solutions using the Agile Framework to streamline development.
- Utilize Bitbucket to manage code repositories and efficiently push changes to the main branch.

01/2025 to 02/2025

Mass Enterprise Inventory Management System

A web-based inventory management system for Mass Enterprise, designed to streamline the management of electronic products. The application provides business owners with an intuitive interface to add, update, and delete products, customers, and orders, track inventory levels in real-time, and process secure online payments. Additionally, the system offers monthly income tracking, detailed reporting, and role-based access control for Admins and Employees.

Technologies:

- **Backend:** Java, Spring Boot, PostgreSQL, Spring Security, JDBC, File I/O
- **Frontend:** TypeScript, React, HTML, CSS
- **Development Tools:** VS Code, IntelliJ, GitHub, Jira

- **API & Security:** RESTful APIs, Spring Security, JWT Authentication

Key Contributions:

- **Develop a secure authentication and authorization system** with **Spring Security** and **JWT**, enforcing **role-based access control (RBAC)** for **Admin** and **Employee** roles.
- Designed and implemented the PostgreSQL database schema.
- Leader of the project, overseeing development, coordinating team efforts, ensuring timely delivery, and optimizing workflows for efficiency and success.
- **Build a RESTful API with Spring Boot** to expose secure endpoints for managing inventory, processing orders, and handling transactions.
- **Develop a customer-facing React & TypeScript frontend** in **VS Code**.
- **Implement monthly income tracking and reporting features** using **JDBC and File I/O**, enabling business owners to view detailed revenue insights.
- **Optimize database queries** to enhance **performance and scalability**, reducing query execution time for large datasets.
- **Configure and maintain a secure database connection** via **DatabaseConnection.java**, ensuring reliable data transactions.
- Implement solutions using the Agile Framework to streamline development.
- **Manage project milestones, bug tracking, and task assignments** using **Jira**, following **Agile development practices**.
- **Utilize GitHub for version control**, managing branches efficiently, and pushing changes to the main repository for collaboration.

09/2024 to 12/2024

Pressure Washing Service Platform

A web Application enabling users to schedule and manage residential and commercial pressure washing services. The application supports service selection, views, and updates to appointment booking. It includes an admin dashboard for business owners to monitor requests, client details, and revenue, with a feature to calculate monthly income based on bookings and discounts.

Technologies: Java, Spring Boot, MySQL, HTML, CSS, JDBC, File I/O

Key Contributions:

- Implemented backend REST API and SOAP service.
- Designed and implemented code to generate detailed reports, write data to files, and calculate total revenue with customizable discounts for multi-day bookings.
- Created a multi-threaded service to support both GUI and console-based user interactions.
- Optimized database queries and reduced data redundancy.
- Implemented business validation.
- Created issues using Jira.
- Implemented solutions using Agile Framework to streamline development.
- Utilized Bitbucket to manage code repositories and efficiently push changes to the main branch.

EXPERIENCE
CGI
Stratford, PE

Student Software Developer   02/2025 to 04/2025
- Contributed to a live project as a software developer and tester, ensuring reliable and scalable solutions.
- Developed and tested software features in alignment with business requirements and user needs.
- Collaborated with cross-functional team members to deliver high-quality, on-time releases.
- Assisted in debugging processes and implemented performance enhancements to optimize application efficiency.

FEDEX
Charlottetown, PE

Package Handler   09/2023 to Current
- Loaded and unloaded packages from delivery vehicles with manual and powered equipment.
- Inspected packages for damage or defects and recorded any issues found.
- Transported parcels between loading docks, delivery vehicles, and post office facilities.
- Scanned and sorted packages according to destinations and service type using a handheld scanner.
- Processed 200 packages daily, ensuring 98% package sorting and delivery preparation accuracy.
- Assisted in loading delivery trucks with prepared packages.

HARTSTORES
Charlottetown, PE

Cashier   09/2023 to 01/2025
- Greeted customers and answered their questions about the store's products and services.
- Issued receipts, refunds, credits, or changes due to customers.
- Stocked shelves with merchandise when needed.
- Answered customer inquiries regarding store policies and procedures.
- Conducted price checks for special orders or discounts as requested by customers.
- Performed other duties as assigned by management.
- Operated cash register or POS system to receive cash, checks, and credit card payments.
- Helped customers find specific products, answered questions, and offered product advice.
- Tracked company inventories, moved excess stock, and arranged products to improve sales.

UPEI
Charlottetown, PE

Housekeeping Attendant   04/2023 to 09/2023
- Maintained cleanliness and order of assigned areas.
- Cleaned, vacuumed, and dusted all rooms, hallways, lobbies, lounges, restrooms, corridors, elevators, stairways, and other work areas.
- Stocked linen closets with fresh linens and removed soiled linens for laundering.
- Organized storage areas for efficient stocking of items.

MASS ENTERPRISE
Accra, Ghana

Manager   02/2022 to 11/2022
- Developed and implemented strategies to increase customer satisfaction and loyalty.
- Monitored budgets and expenditures to ensure cost-effectiveness while maintaining quality standards.
- Provided leadership during times of organizational change or crises.
- Monitored staff performance and addressed issues.

—— **REFEREES** ——

Sunday Agyekum
Senior Manager
Federal Express
Phone: (506) 988-8122