

# Kenneth Bautista

Pickering, ON

[LinkedIn](#) [Github](#)

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## Junior Developer Intern

### UX/UI Design | Collaborative | Agile

- Motivated Computer Science Graduate (York University) and current Health Informatics student with a focus on enterprise software architecture, database management, and full-stack development.
- Demonstrated skill in designing robust desktop and web applications using C# .NET and Oracle SQL, with a strong ability to translate complex requirements into functional code.
- Results-oriented leader with 1+ years of management experience; proven ability to lead teams, optimize operational workflows using data analytics, and troubleshoot technical systems under pressure.
- Effective communicator able to explain technical concepts to non-technical stakeholders, supported by rigorous documentation skills (SRS, UML) and project management experience.

## TECHNICAL SKILLS

**Programming:** Java, PL/SQL, C#, JavaScript, HTML/CSS, Python

**Frameworks & Libraries:** React, .NET, Node.js, Django, NVM, TensorFlow

**Operating Systems:** Linux, Windows

**Development Tools:** Git, Visual Studio, VS Code, Eclipse, Android Studio

**Cloud Computing:** Azure, Docker

**Other Tools:** Figma, MS Office

## PROJECTS

### AirTier Management System | C# .NET, PL/SQL, WinForms

- Developed a robust GUI application using **C# .NET (Windows Forms)** to manage airline operations, including flight scheduling and passenger bookings.
- Designed and implemented a normalized Oracle Database schema to ensure data integrity across complex relationships (Flights, Passenger, Bookings).
- Collaborated within a team of 4 to create an advanced **PL/SQL** syntax to automate bulk data population (seeding 1,000+ records) and created stored procedures to handle business logic on the database layer.

### ResuMatch - AI-Powered Resume Coach | System Architecture, UML, Requirements Engineering

- Collaborated within a team using Agile practices, to develop and design a comprehensive Software Requirement Specification (SRS) for an AI-driven career mobile application.
- Contributed in making complex **UML models** including Domain Class Diagram, State Machine Diagrams, and Entity-Relationship Diagram (ERD) to map out the system's logic.
- Helped in defining technical integration for external APIs (Google Gemini for AI Analysis, Stripe for payments, and SendGrid for email notification).

### Input Comparison Analysis | Java, Google Digital Ink API, Data Analytics

- Conducted a human-computer interaction study comparing the efficiency of digital ink (handwriting) versus keyboard inputs.
- Built a **Java** data collection tool using **Google's Digital Ink Recognition API** to log user attempts, CPU usage, and task completion times.
- Analyzed datasets to derive statistical insight on user performance, visualizing the results to support interface design recommendation.

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## EDUCATION

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### Health Informatics Technology (Co-op) Advanced Diploma

*Centennial College, Toronto, ON*

September 2025 - Present

GPA: 3.75/4.5

Relevant Courses: Software System Design, C# .NET, Advanced Database (PL/SQL, MongoDB, ORACLE), Tools, Algorithm and Method for HCIS, Web Application Development

### Bachelors of Science Hons. Computer Science

*York University, Toronto, ON*

September 2020 - April 2024

Relevant Courses: Data Structures and Algorithms, Operating Systems, User Experience/User Interfaces, Mobile App Development, Computer Vision

## PROFESSIONAL DEVELOPMENT

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### IBM Full Stack Software Developer Professional Certificate | Coursera (Online)

In Progress

## WORK EXPERIENCE

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### Store Manager/ Manager in Training | Real Fruit Bubble Tea

August 2024 - September 2025

- Promoted from Crew Member (started September 2022) to the management track within two years due to consistent performance and reliability.
- Oversaw daily operations for a high-volume store, inventory forecasting, and quality control standards.
- Served as the primary technical lead for POS software and network hardware, troubleshooting issues to maintain 99.5% system uptime.
- Utilized sales data reports to optimize supply chain ordering, reducing food waste to nearly 0 through improved inventory prediction.

### Shift Leader | Real Fruit Bubble Tea

September 2025 - Present

- Voluntarily transitioned to a part-time leadership role to pursue a full-time advanced diploma.
- Continue to mentor junior staff and manage closing financial reconciliation to ensure end-of-day accuracy.