

Jeel Tandel

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Summary

Detail-oriented **Computer Programming Student** (GPA: 3.0) with hands-on experience in **full-stack development, database management (SQL, Oracle), and data analytics (Power BI, RapidMiner)**. Skilled in **Java, Python, JavaScript, and cloud technologies**, with a strong foundation in **Agile methodologies, CI/CD, and secure software development**. Recognized for problem-solving, teamwork, and leadership (Dean's Honors List). Seeking to leverage technical expertise in a dynamic role where I can contribute to innovative solutions while expanding my knowledge in emerging technologies.

Technical Skills

- **Programming:** Java, Python, JavaScript (HTML5, CSS3), PHP, SQL, Bash, PowerShell, C#
- **Databases:** Oracle 19c, MySQL, PostgreSQL, MongoDB, MS Access, SQL Server, Firebase
- **Tools:** Power BI, RapidMiner, Wireshark, Git/GitHub, VS Code, Eclipse, IntelliJ, VMware, Docker
- **Cloud/OS:** Linux, Windows, macOS, Unix, ArcGIS, Android Studio, Azure Fundamentals
- **Methodologies:** Agile/Scrum, CI/CD, Debugging, System Design, Data Analytics, REST APIs
- **Soft Skills:** Leadership, Communication, Problem-Solving, Team Collaboration, Time Management

Work Experience

Full-Stack Developer

Sept 2024 – Dec 2024

Appy.Yo, Vancouver, Canada

- Built a **gig worker platform** using **Java, Python, and PostgreSQL**, resolving cross-platform compatibility issues across Windows and Linux servers.
- **Optimized database performance by 20%** through query tuning, indexing strategies, and cache implementation.
- Implemented **secure authentication systems** using OAuth 2.0 and documented troubleshooting processes for team reference.
- Collaborated in an **Agile team** to diagnose errors and deliver scalable solutions through bi-weekly sprints.
- Conducted code reviews and mentored junior developers on best practices for clean code architecture.

Education

Algonquin College, Ottawa, Canada

Associate in Computer Programming & Analysis (GPA: 3.0)

Expected – September 2025

Dean's Honors List (Summer 2023, Fall 2023, Fall 2024)

Relevant Courses:

- Advanced Object-Oriented Programming with Java and Design Patterns
- Cloud Database Management and Big Data Analytics
- Web Application Development with JavaScript Frameworks
- Mobile Application Development with Android Studio
- Network Security and Ethical Hacking Fundamentals

Projects

Spotify Database Architect

Oct 2023 – Dec 2023

PL/SQL, Oracle 19c, MS Access

- Led a 3-member team to design a **scalable database** with optimized queries, triggers, and data integrity checks.
- Reduced runtime by **15%** via indexing and rollback/commit protocols while ensuring ACID compliance.
- Implemented stored procedures to automate monthly reporting tasks, saving 10+ hours of manual work.

Personal Portfolio Website

Nov 2023 – Dec 2023

HTML5, CSS3, JavaScript

- Developed a **responsive portfolio** with Git version control, ensuring cross-device compatibility.
- Integrated Google Analytics to track visitor behavior and optimize content presentation.
- Achieved perfect Lighthouse scores (100/100) for performance, accessibility, and SEO.

Activities & Leadership

- **NASA Space Apps Challenge (2024):** Developed a **flood-mapping tool** using ArcGIS that analyzed historical climate data to predict high-risk zones.
- **Class Representative:** Organized student feedback sessions and liaised between faculty and 50+ students.