OSCAR PIEDRASANTA DIAZ

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PROFESSIONAL SUMMARY

With 5 years of sales experience, I honed strong communication, teamwork, and problem-solving skills while mentoring teams through sales workshops. Now, equipped with full-stack development expertise in Spring Boot, React.js, Node.js, and cloud-based solutions, I'm ready to apply my technical and collaborative skills to turn ideas into scalable, real-world solutions.

SKILLS SUMMARY

Programing Languages:

JavaScript (ES6+), Java, CSS, HTML, Python, Swift, C#, Bash.

Frameworks/SDKs:

ASP.NET Core, .NET Framework, Spring Boot, Spring Security, Spring Data JPA, Android SDK, React.js, Node.js, Express.js, GraphQL (Apollo Server), Swift UI.

Databases:

SQL Server, PostgreSQL, MySql, MongoDB (Atlas), SQLite, Firebase, NoSql & SQL.

Technologies & Tools:

Linux, Entity Framework Core, Docker & Docker Compose, Kafka Messaging, Keycloak Authentication, JWT(JSON Web Token), bycrypt.js, CORS Middleware, RESTful APIs, GraphQL APIs, API Development , CRUD Operations, Database Seeding, Version Control (Git & Github) CI/CD Pipelines, Agile & Scrum Development, MVC Architecture, Microservices Architecture, OOP, .env, Google Maps API, Mongoose, Twilio API, Stripe API, OpenWeather API, SendGrid.

Development & Deployment:

Render, Netlify, Postman API Testing, Gradle, Microsoft Azure (Database Hosting - MySQL, PostgreSQL), Figma, Slack, Github Actions. README.md.

Data Science Tools:

Pandas, NumPy, scikit-learn, Matplotlib, Tensor Flow.

EDUCATION

Computer Programing & Analysis

George Brown College | Toronto, Ontario   Jan 2023 – April 2025

Relevant Courses: Intro to Full Stack Development, Web Application Development, Data Structures and Algorithms, Web Application Development using Java, Full Stack Development 1 & 2, Advanced OOP.

GPA – 3.55 (Honors)

WORK EXPERIENCE

Full Stack Developer – Sol Café (Contract)

Toronto, Ontario   Jan 2025 – April 2025

- Designed and developing a customer-facing website and a manager portal for Sol Café, a Hookah Bar & Lounge, using React.js, Express.js, and Node.js.
- Building a dynamic event and menu management system, allowing managers to update events, menu items, and bottle service offerings in real-time.
- Integrated Twilio SMS notifications to send automated messages to customers upon event booking and notify managers/owners with booking details.
- Implemented Stripe payment processing for event deposit payments, ensuring secure transactions.
- Developed a responsive, visually engaging frontend with pages including Home, About Us, Events, Menu, Bottle Service, and Reservations.
- Utilized MongoDB Atlas as a NoSQL database, enabling efficient data storage and retrieval for bookings, menu updates, and user interactions.
- Leveraged GitHub for version control, following branching strategies to enable seamless merges and collaboration throughout development.

Full Stack Developer – Javada Services (Contract)

Toronto, Ontario   Sept 2024 – April 2025

- Developing a web-based Payroll Manager to automate payroll, invoicing, accounts receivable (AR), and accounts payable (AP) processes.
- Designed and implementing the backend using Spring Boot, ensuring seamless API integration with an Azure-hosted PostgreSQL database.
- Created UML diagrams and architected the database schema to optimize data flow and system scalability.
- Building a modern, responsive frontend using React.js and Figma, improving user experience and operational efficiency.
- Integrated timesheet tracking, client and subcontractor management, and real-time financial analytics to enhance decision-making.
- Automated payroll and invoicing processes, reducing manual workload and ensuring accurate billing for clients and subcontractors.

Door to door Sales Representative - Rogers Communications

Toronto, Ontario   Oct 2021 – May 2022

- Managed customer accounts, ensuring satisfaction and resolving inquiries, leading to a high rate of customer referrals.
- Sold residential services, including internet, home security, TV, and home phone.
- Consistently ranked Top 10 in the country for sales performance and customer retention.
- Implemented innovative customer service strategies, improving customer satisfaction and retention rates.

PERSONAL PROJECTS

GBC Event Booking System
- Developed a microservices-based event and room booking system using Spring Boot, ensuring scalability and modularity.
- Implemented Keycloak authentication and role-based access control (RBAC) to manage user permissions and approvals.
- Designed and deployed Dockerized microservices, including User, Room, Booking, Event, and Approval services, orchestrated via an API Gateway for seamless communication.
- Integrated Kafka messaging to enable efficient, asynchronous communication between microservices.

REFERENCES

Available Upon Request