Jonathan Orlowski

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Summary

Experienced technologist pivoting from business intelligence to software engineering, bringing strong full-stack development skills and proven ability to build scalable database solutions and web applications.

Skills

Languages & Frameworks: JavaScript (ES6+), React, Node.js, Express.js, HTML5, CSS3, Tailwind, C, Python.
Backend & APIs: RESTful APIs, Express.js, JWT authentication, Passport.js, bcrypt, CORS.
Databases: PostgreSQL, Prisma ORM, MS SQL Server, database design & normalization.
DevOps & Deployment: Azure, Docker, CI/CD, Git, Railways, Neon, Netlify, Koyeb.
Testing & Tools: Jest, Git, npm, dotenv, multer, debugging, performance optimization.
Data & Analytics: Power BI, Azure Data Factory, ETL processes, data modelling, Python analytics.
Additional: Agile/Scrum methodologies, technical leadership, business requirements analysis.

Experience

Commercial Analytics & Information Manager, St John Ambulance – London, UK   July 2022 – Jan 2024
- **Dynamics 365:** Contributed in strategic meetings, reviewed technical requirements and validated SQL queries.
- **Qlikview to PowerBI migration:** For SAP BI and St John Ambulance's proprietary training booking software.
- **PowerBI and APIs:** Developed new e-learning dashboard using Stripe's API documentation and a RESTful approach.
- **Databases:** Normalised DBs and used SSIS scripts to automate data entry tasks, avoid duplication.
- **Reporting and analytics:** Reported on revenue flows for £60M coming from training and supplies retail sales.
- **Leadership:** Led a team of 6 people — 4 database analysts and 2 business analysts.

Business Information & Data Manager, St John Ambulance – London, UK   Jan 2015 – Jun 2022
- **Access to SQL Server migration:** Normalised DB, validated, migrated and liaised with infra to assess requirements.
- **SQL DB Management:** 3 B2B and 1 B2C databases with a combined volume over 2M records
- **Data protection champion**: Implemented of GDPR measures, applied marketing deletion policies and QA processes.
- **Automation**: Automated a key marketing process using VBA/Flow/PowerAutomate saving 1 PTE worth of time.
- **Reporting and analytics**: Reviewed the performance of +20,000 courses including length, price and location.
- **Leadership:** Led a team of 8 people — 4 database analysts and 4 business analysts.

Sr. Business Information Analyst, St John Ambulance – London, UK   Feb 2013 – Dec 2014
- **Reporting:** Used Qlikview and MS Excel for Finance, Operations, Marketing, Sales and Upper Management.
- **Analysis**: Reviewed revenue and debt flows.
- **Pricing:** Created and Maintained the Pricing Tools using MS Excel and VBA.
- **Sales & Marketing**: Created and maintained the outbound sales calling lists which represented 15% of total sales.
- **Finance & HR**: Implemented the sales commissions calculation and reported to upper management/HR.

Front of House Administrator, Doubletree by Hilton – London, UK   Apr 2012 – Jan 2013

Client Financial Management Analyst, Accenture – Buenos Aires, Argentina   Jul 2010 – Dec 2011
- **Finance Modelling**: Developed costing models for IT/consulting services.
- **Accounting**: Recognised revenue for projects worth up to 100M USD.
- **Sarbanes-Oxley**: Performed quarterly audits to maintain compliance.

Projects

Messaging App   message-app-top.netlify.app/
- **Summary**: Real-time chat application with user authentication and persistent message storage. Features include private conversations, message history, and secure user registration.
- **Repo**: github.com/jonorl/messaging-app
- **Tech:** Node.js, Express, PostgreSQL, Prisma, JWT

Blog   users-frontend.netlify.app/
- **Summary**: Full-stack blogging platform with CRUD operations, user authentication, and responsive design. Includes admin dashboard for content management.
- **Repo**: github.com/jonorl/blog-API
- **Tech**: React, Node.js, PostgreSQL, Tailwind CSS

Where's Waldo (Bluey)   wheres-bluey.netlify.app/
- **Summary**: Interactive game demonstrating DOM manipulation and responsive design. Features real-time leaderboard and precise click detection.
- **Repo**: github.com/jonorl/wheres-bluey
- **Tech**: React, Node.js, PostgreSQL, Prisma

Education

Del Salvador University, Buenos Aires, Argentina – 5yr degree in International Cultural and Business Studies   2010
Universität Passau, Passau, Germany – Double degree as above   2008