Mark Buckle

Product Designer & Full-Stack Developer

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EXPERIENCE

Data Validation & Technical Analyst
Nasdaq-Verafin | Dec 2024 - Present (8 months)

- Collaborate with Product Designers & Software Engineers to design and develop products
- Work with customers to receive and validate data in the application
- Tech stack includes React, Java, Python, PostgreSQL, AWS, and more.

Product Designer & Software Developer
Freelance | Mar 2024 – Dec 2024 (9 months)

- Built and shipped complete health-tech products from concept to deployment
- Designed and implemented user interfaces with HTML, CSS, JavaScript, React, Python and more, focusing on user experience and visual design
- Developed robust applications using Object-Oriented Programming (Java) and integrated with APIs and cloud services
- Created responsive, production-ready front-end code

Intermediate Engineering Planner & Data Analyst
Wood PLC | 2019 - Apr 2024 (5 years)

- Designed and implemented data visualization solutions using Power BI to transform complex Oracle datasets into actionable insights
- Led cross-functional collaboration with engineering teams, upper management, and clients to deliver project solutions
- Implemented process optimization initiatives that reduced project budgets while improving delivery quality

Newfoundland & Labrador Regional Chair
Diabetes Canada | Mar 2018 - August 2021 (3 years 4 months)

- Led product strategy and user advocacy initiatives in healthcare technology and policy
- Collaborated with multidisciplinary teams including healthcare professionals, government representatives, and consultants
- Conducted user research through medical literature analysis to support evidence-based advocacy decisions

Project Controller
Irving Shipbuilding Inc., J.D. Irving, Limited | Apr 2016 - Dec 2018 (2 years 9 months)

- Analyzed complex project datasets and designed presentation formats for executive decision-making
- Generated strategic recommendations for cost optimization and risk mitigation
- Managed stakeholder communications and project updates across multiple organizational levels

Research and Data Analytics Intern
Nalcor Energy | Sept - Dec 2014 (4 months)

- Conducted comprehensive data analysis and research, creating summaries and presentations
- Developed skills in transforming raw data into meaningful insights for business decision-making

Project Engineer Intern
ExxonMobil Canada | Jan - May 2014 (4 months)

- Managed project schedules, budgets, and change management processes
- Gained experience in technical project coordination and cross-team collaboration

EDUCATION

GetBuilding (previously GetCoding)
Introduction in Software Development & Product Design course | 2023

- Learned responsive web app design with a primary focus on HTML, CSS and JavaScript

University of Calgary
Precision Health Program | 2021 - 2022

- First of its kind program in Canada. Learned the foundations of precision health, ethics and law considerations, and omics applications

Bachelor of Engineering
Memorial University of Newfoundland | 2010 - 2015

- Strong foundation in analytical thinking, problem-solving, and systematic approach to complex challenges
- Engineering design methodology and project management principles

TECHNICAL SKILLS

Data
JavaScript, React, Python, Java, SQL, Power BI, Oracle, data visualization, analytics

Design
HTML/CSS, Figma, Adobe Creative Suite, responsive design, user interface design

Additional Capabilities
API integration, cloud services, SFTP, version control, Technical writing, copywriting, user-research, project management, systems thinking

KEY STRENGTHS

Full-Spectrum Product Development: Experience taking projects from initial concept through technical implementation and delivery

Cross-Functional Collaboration: Proven ability to work effectively with engineering, product, and business teams

Technical Communication: Strong track record of translating complex technical concepts into clear, actionable insights

Healthcare Context: Background working in health-adjacent environments with understanding of evidence-based decision making

Proven Leadership: Demonstrated ability to lead initiatives and manage stakeholder relationships across organizational levels