Christopher James Dent

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Full Stack Software Engineer /
Former Standards Development Manager

About

Results-oriented software engineer with 3+ years of experience in full-stack web development and over a decade of project management in scientific standards development. Currently building enterprise-grade solutions in VueJS, Node, and Ruby on Rails at OpsCompass. Known for bridging technical execution with strategic mission alignment, I bring a rare blend of hands-on coding expertise and deep familiarity with the scientific and regulatory landscape that underpins global health standards. Recently, I've been spearheading internal AI-driven tools for document summarization and intelligent data extraction using LLMs and vector-based retrieval systems to enhance enterprise compliance workflows.

Skills

Technical: VueJS, React, Ruby on Rails, Node.js, JavaScript, SQL (MySQL, Postgres, SQLite), HTML, CSS, jQuery, Bootstrap 5, REST APIs, Serverless Functions, Git/GitHub/GitLab, CI/CD, Linux, Azure, AWS, Oracle systems, SaaS/PaaS/IaaS/iPaaS, software and hardware troubleshooting, general web development.

Management: Association management, business case development, change management (certified), program management, project management (certified), technical writing, stakeholder communication, and most common project and productivity software suites.

Experience

Full Stack Software Engineer · OpsCompass, Inc. (Remote) | Dec '22 – Present

- Spearheaded a critical project leading the upgrade of the company's application to VueJS version 3, enhancing performance and user experience.
- Experience integrating with external APIs and enterprise platforms, including Oracle-based systems.
- Wrote and optimized code for various components, ensuring high-quality deliverables within specified timelines.
- Provided technical expertise and guidance to team members, fostering a collaborative and innovative work environment.
- Actively conducted and participated in code reviews and contributed to the continuous improvement of coding standards and best practices.
- Proactively identified and resolved software bugs, improving overall application stability.
- Currently developing AI-powered tools for document classification, summarization, and metadata extraction using OpenAI APIs and custom RAG pipelines.

Senior Program Manager, Science Programs · AOAC INTERNATIONAL (Remote) | Dec '13 - Dec '21

- Led AOAC's Cannabis Analytical Science Program (CASP) and served as primary POC for AOAC's Stakeholder Panel on Dietary Supplements (SPDS), working closely with stakeholders from government, industry and academia.
- Led multiple webinars per week for active working groups and advisory panels.
- Managed volunteer experts from government, industry, and academia to develop consensus-based analytical standards.
- Gave presentations at relevant industry conferences, virtually and in person.
- Led weekly team meetings to ensure project milestones were being achieved and risks/issues were being addressed.

IT Project Officer · City of Edinburgh Council | Mar '10 - Nov '13

- Assistant Project Manager for a city-wide asset management software system implementation.
- Led service improvement projects within the Environment Division, contributing to enhanced operational efficiency.
- Developed and presented business cases to senior boards, showcasing analytical and decision-making skills.

Contract Programs Administrator · AOAC INTERNATIONAL | Dec '05 - Dec '09

- Provided project management support for federally funded analytical standards development projects.
- Stakeholder's primary point of contact for AOAC Stakeholder Panel on Agent Detection Assays (SPADA).
- Collaborated with scientists from government, industry and academia to build consensus on scientific standards.

Education

Flatiron School | Certificate in Software Engineering | Grad 2020

McGill University | Bachelor of Arts, Political Science and History | Grad 2004

Relevant Professional Development

AWS Certified Cloud Practitioner
Amazon Web Services Training and Certification

Issued 1/6/23

Microsoft Certified: Azure Fundamentals
Microsoft

Issued 6/2/23

Professional Scrum Master™ I (PSM I)
Scrum.org

Issued 10/16/24