Jamie Smart

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Executive Summary

Full-stack software engineer with experience building user-friendly, reliable web applications and optimizing system performance. Skilled in managing both SQL and NoSQL databases to support efficient, real-time applications. Adept at translating complex requirements into practical solutions and collaborating across teams to deliver high-impact, user-focused features. Committed to improving scalability, usability, and clarity through clean, maintainable code.

Experience

Software Engineer - Latitude Research - Remote
February 2021 - April 2025

- Translated Figma designs into modular components and integrated them to develop responsive application pages
- Designed and implemented core business logic to deliver efficient, reliable application functionality
- Created and maintained efficient Firestore and ElasticSearch database connections to support low-latency updates across dynamic interfaces used by 1,000+ users
- Automated testing and deployment with GitHub Actions to enable CI/CD pipelines and catch bugs earlier, improving product stability and reducing bugs by 5%
- Used the Sentry error tracking tool to monitor and resolve errors promptly, improving application reliability and reducing issue resolution time by an estimated 15%
- Participated in code reviews to ensure code met all internal and external standards and best practices
- Improved code quality by refactoring duplicated, inefficient, and outdated logic, optimizing maintainability and future scalability

Website Administrator - Boston Hash House Harriers Running Club - Boston, MA
October 2020 - Present

- Keep the club's website up-to-date with accurate and current information
- Facilitate annual event registration for ~150 participants by managing form creation, data handling, and backend integration
- Enhance usability by optimizing layouts for mobile devices and improving overall user experience
- Create and maintain documentation to ensure easy onboarding for future administrators
- Transitioned the database from PostgreSQL to Google Sheets to streamline operations and improve usability, using the Sheets API to treat it as a structured data store supporting real-time access and dynamic queries
- Rebuilt the website using the Svelte and SvelteKit frameworks, replacing Ruby on Rails to boost speed and simplify maintainability

Senior Analyst - Latitude Research - Boston, MA
March 2018 - February 2021

- Transformed raw data into structured, analysis-ready tables
- Managed survey fielding to ensure quotas and deadlines were met
- Programmed surveys in the Decipher platform, resulting in savings of $6,000 - $10,000 per study
- Communicated with clients to coordinate study set-up and answer research questions
- Developed a Python app to compute a weight variable for a dataset, allowing for better comparisons across demographic groups
- Created a JavaScript tool to visualize previously unreported data through engaging, interactive charts

Senior Data Analyst - 451 Research - Boston, MA

May 2016 - March 2018

- Led the team in Qualtrics survey programming efficiency
- Processed survey data by removing low-quality responses, calculating variables, and creating tables and charts to ensure accurate and actionable insights
- Built and maintained interactive dashboards to visualize key metrics and enable informed decision-making
- Wrote Python script to reduce survey programming time by 60%

Syndicated Data Analyst - Market Strategies International - Cambridge, MA

February 2014 - May 2016

- Checked questionnaires, survey links, and test data to ensure accuracy and minimize delays and costs from data recollection
- Systematically reviewed and filtered survey responses to remove low-quality or invalid data, ensuring accurate results
- Computed variables using SPSS scripts to allow for targeted analysis
- Migrated 10 years of historical data from 7 surveys to a new format to ensure accurate and reliable comparison with newly collected data

Skills

Languages:
TypeScript, Python, JavaScript, Java, HTML, CSS, SCSS

Frontend:
Svelte, SvelteKit, React, Next.js

Backend:
Express.js, Node.js

Databases:
Cloud Firestore, PostgreSQL, MySQL, MongoDB

Tools & Platforms:
Git, GitHub Actions (CI/CD), ElasticSearch, Cypress, Playwright, Figma, Tailwind CSS, Material UI

Professional:
Efficient communication, cross-functional collaboration, adaptability, attention to detail

Education

Boston University - Boston, MA
Master of Science in Computer Science
Computer Science Undergraduate Certificate

Dartmouth College - Hanover, NH
Bachelor of Arts in Psychology

Hobbies

Running, snowboarding, rollerblading, line dancing