J.M. Janzen

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SUMMARY

Polyglot developer with 9+ years of experience across the full stack, with strong emphasis in backend development and empowering internal users with self-service tools. Passionate about learning new technologies, making friends, and min-maxing my Linux terminal flow.

Aside from work, I also enjoy honing my DSL skills on LeetCode, taking courses to deepen my expertise (presently following a Certified Kubernetes Admin course), and playing with my various servers and websites (currently turning myself into an API! Beep boop!).

SKILLS

- Primary languages:
  - TypeScript, NodeJS, Python, Ruby, Bash, Go, C++11, Java SE 11.
- Some other tools:
  - Linux, Git, Docker, Kubernetes, Terraform, Kafka, AWS, GCP, No/SQL, vim.
  - CI/CD (various), microservices, deconstructing and maintaining monoliths.
  - HTML5/CSS3+, ReactJS, NextJS, NestJS, Nx, NPM, Gulp, webpack.
- Outlook on software engineering:
  - Evangelist for internal data and process democratisation, DevOps culture, and mindful left-shifting / self-serve support.
  - I love mentoring and helping people feel valued, welcome, and useful.

WORK EXPERIENCE

Senior Freelance Developer | Freelance | Canada (remote)   2025 - present

- Part time subcontracting, full time learning and building fun things.

Senior Platform Engineer | Tempo Software | Canada (remote)   2023 - 2024

- Migrated tech stacks to monorepos on *GitHub*, reducing tech debt and enhancing developer experience (*TypeScript*, *Bash*, *GitHub Actions*, etc).
- Created and improved developer tooling to further reduce friction, increasing developer joy and velocity.
- Unified feature flag solutions with product teams, ensuring zero functionality loss.
- Managed *NodeJS* version upgrades across 5 services with zero downtime (long tailed, many cross dependencies).
- Benchmarked (*ApacheBench*) compression algorithms (Zopfli, Brotli, etc) in various configurations, moved out of middleware (*ExpressJS*) and into a reverse proxy (*Nginx*) defined in IaC (*Terraform*).

Software Engineer II | Ratehub | Canada (remote)   2018 - 2023

- Developed a suite of *OpenFaaS* integrations (*NodeJS*, *Kafka*, *MongoDB*) to interact with *Salesforce* and *Twilio* APIs based on customer signals.
- Personally set up the marketing infrastructure for acquisitions, including secure data migration pipelines.
- Integrated many data sources with integrations for email/SMS marketing of 200k+

subscribers, not including transactional communication (eg. confirmations, notifications, magic links).
- Developed a *Python* CLI for marketing integrations.
- Developed a *Ruby* CLI for critical ETL processes.
- Built internal web apps to enable non-technical users to manage data and automation needs (these wrapped the CLIs).
- Responsible for migration to *Salesforce*, using API shims for data transformation.

Software Developer | Tire Wizard | Pickering, ON (hybrid)   2016 - 2018

- Orchestrated data for B2B/B2C frontend, contributing to full-stack development.
- Developed a *Python* CLI for scalable ETL automation (via *VirtualBox*).
- Migrated tooling from legacy *Python* to 3.x.

Software Developer | Sparq Systems | Kingston, ON (on-site)   2015 - 2016

- Developed features across front-end and back-end in an embedded stack.
- Created a *NodeJS* CLI for firmware updates on remote microcontroller units, including a user-friendly web interface.

RELEVANT EDUCATION

Computer Programmer Analyst | St. Lawrence College | Kingston, ON   2013-2016

- Good basics; some history; excellent co-op placement and people.
- C++, Java, linux, z/OS, TSO/ISPF, COBOL, JCL, CICS, QA, Flash, System Analysis & Design, Database & Web Services, Enterprise Web Development, Web Services.

SOME OTHER INTERESTS

I **love** Doom (1993 onward). Modding it is where I caught the programming bug.

Presently reading speculative/historical fiction, searching for the perfect falafel recipe, and running a solarpunk book club.