

Jasjeet Mavi

Technology leadership & hands-on engineering
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PROFILE

Engineering leader and hands-on builder focused on project rescue and reverse engineering. Practice servant leadership by removing obstacles, sharing context, and supporting individual growth while staying close to implementation. Experience spans banking, healthcare, e-commerce, and developer tooling.

CORE CAPABILITIES

Leadership: mentoring, career development, delivery, technical recruitment, and pre-sales.
Engineering: software architecture, modernization, extensible integrations, and test automation.
Technologies: Rust, TypeScript, Go, React, Next.js, Angular, GraphQL, and Sanity CMS.

EXPERIENCE

Kyndryl

Associate Director, Software Engineering | Aug 2025 - Present

- Owned architecture and implementation of a device-agnostic cash-recycling application in Rust and React, replacing reliance on a third-party offering.
- Built support for two market-leading devices with an adapter architecture for future devices. The same application supports standalone, federated, and centralized deployments without additional development per configuration.
- Achieved support for 10x the devices per node compared with known incumbent limits, validated through simulator testing. Built device-protocol simulators alongside testing in a physical device lab.
- Streamlined testing and release management with a predominantly non-developer team. Introduced automated regression testing and documentation to reduce repetitive work and preserve knowledge for onboarding.
- Added analytics to help banks anticipate branch cash needs and collection timing. Also helping the cybersecurity team prototype dynamic remediation workflows using configured provider data and patching capabilities.

Rangle.io

Principal Technical Director | Nov 2023 - Aug 2025

Technical Director | Jan 2023 - Nov 2023

- Mentored 16 developers, architects, and managers as Principal Technical Director; previously managed and supported eight developers and architects. Supported career growth, hiring, performance reviews, pre-sales, meetups, and tech talks.
- Angfa / Medicalbase: led a telemedicine project rescue after three years of prior work had not met clinic needs. My team and I delivered a working platform in four months, covering patient onboarding, scheduling, chat, records, prescriptions, follow-ups, and shipment tracking.
- PharmacyOnline.co.uk: led telepharmacy and e-commerce delivery, with hands-on implementation of Sanity CMS and configurable patient questionnaires.
- Dreamfactory: implemented an Angular 2-to-16 migration end to end. Link Investments: combined leadership and hands-on engineering to modernize the platform to Next.js.
- Rocket.com: supported website modernization and a shared design system; improved caching and GraphQL queries to bring property search close to real time.
- Resolved recurring pre-production payments and order-flow bugs for Flashfoods. Supported RBC's team of six to eight developers; combined leadership and implementation on Medtronics' internal reporting platform to replace Power BI.

EXPERIENCE (CONTINUED)

CGI

Director Consulting Services | Jul 2022 - Dec 2022

Director Consulting Expert | Aug 2021 - Jul 2022

Senior Consultant | Apr 2020 - Aug 2021

- Led 10-15 developers, designers, project managers, and business analysts supporting BMO. Worked with senior client stakeholders and supported technical recruitment and pre-sales.
- Led a four-developer team supporting BMO's Enterprise E-forms Centre of Excellence, then grew and led the development team as Director Consulting Expert.
- Supported the migration of Customer Connect for BMO branches and development of Business Banking Express.
- Contributed to CGI's STEM initiative through curriculum planning, workshop organization, and teaching.

DCM

Senior Programmer | Nov 2018 - Apr 2020

Programming Coordinator | May 2015 - Oct 2018

- Built an end-to-end design, print, and shipping platform for cannabis packaging, supporting 10 major Canadian distributors.
- Built a design-to-print content management system supporting Scotiabank's national rebranding.
- Developed scalable business-process, data-extraction, file-transfer, and batch automation using HelpSystems Automate Enterprise.
- Worked with Quadient Inspire and third-party integrations for statements, pamphlets, packaging, and shipping labels, including variable-data printing and mail workflows for Canada Post and USPS.

SELECTED INDEPENDENT PROJECTS

Sotto | Native macOS meeting workspace | In development

Building a Rust application with on-device transcription and a local meeting record. Optional AI produces cited notes and answers while keeping captured evidence separate from generated interpretation.

Rust, GPUI, Whisper, SQLite | github.com/judgemavi/sotto

Orca | Coding-agent orchestration

A tool that breaks goals into tasks and runs CLI agents in isolated Git worktrees, bringing planning, review, and merging into one workflow. Includes a live web console and reusable project memory.

TypeScript, Bun, React, Git worktrees | github.com/judgemavi/orca

Tiny Bits | React component libraries | Deprecated

Created accessible, composable dialog and popover components built on native browser APIs, using TypeScript with zero dependencies.

github.com/judgemavi/tiny-bits