

VAIBHAV PARMAR

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SUMMARY

Full Stack Developer with 4 years at TD Bank building **Java/Spring Boot** services, **React** UIs, and **REST APIs** in regulated financial services. Hands-on **Python, Node.js, SQL/DB2, Docker, Kubernetes**, and **CI/CD** (Jenkins, GitHub Actions) on **Azure** and **AWS**. Proven track record of transitioning **from mainframe operations to modern API engineering**, combining deep **legacy systems knowledge** with **cutting-edge distributed computing expertise**. Active user of **Generative AI** and **LLMs** (GitHub Copilot, agentic workflows). Guided by an “Ever Positive, Never Negative” & give-back attitude.

PROFESSIONAL EXPERIENCE

Software Engineer – Distributed Software Engineering (API Development) **Toronto, ON**
TD Bank Feb 2026 - Present

- Design **transformational REST APIs** bridging mainframe IMS with modern platforms via z/OS Connect.
- Lead **end-to-end technical solution design** from requirements through production deployment.
- Partner with architects and SMEs on solution design, user stories, sprint planning, and **Agile** delivery.
- Presented **GitHub Copilot** and agentic dev practices at **Product Group Townhall**; drive team AI adoption.
- Pioneer of **AI-assisted development workflows**; recognized by AVP for impact on delivery velocity.
- Run an **Agentic dev workflow** with GitHub Copilot Chat, **Agents, Skills, Instructions** for reviews/codegen.
- Craft prompts/context to respect **token limits**, avoiding unwanted cost-center charges without quality-loss.
- Act as **application SME** with dual expertise in legacy mainframe and modern distributed architecture.
- Conduct **code reviews** for quality, security, reusability, and operational readiness adherence.
- Troubleshoot complex issues spanning **mainframe IMS, z/OS Connect**, & modern API layers independently.
- Contribute to **CI/CD pipeline improvements** and build/test/release automation.
- Identify improvements to enhance **API availability**, reduce cost, and improve consumer experience.
- Manage risks at mainframe-to-API boundary: **data integrity, transactions, and performance**.
- Document designs and support operational readiness for financial-grade, multi-system deployments.

Software Engineer **Toronto, ON**
TD Bank May 2024 - Feb 2026

- Built a **full-stack React–Express–Python app** automating job-schedule reporting; reduced effort by 30%.
- Led the **end-to-end development of the application** – from UI/UX design to backend API development.
- Designed a **modern React UI**, built reusable components, and optimized client-side performance.
- Built scalable Express.js **APIs** & Python services to process form submissions & automate backend workflows.
- Integrated **backend with Python** to run Zowe CLI commands to process user input on mainframe host.
- Designed backend integrations to retrieve job data, **abstracting legacy systems behind clean APIs**.
- Added **real-time job submission and completion tracking**, providing visibility into job execution status.
- Collaborated with cross-functional teams to **resolve high-priority incidents**, ensuring minimal downtime.
- **Enhanced performance & application reliability** by **design reviews** & resolving problem tickets.
- Collaborated in an **Agile environment**, contributing to a **25% reduction** in cycle time.
- Led daily huddle meetings, co-hosted fireside chats, **presented Pod’s plan & achievements in PI Planning**.
- Created **clear technical documentation** to **transfer knowledge** across the product group.

Software Developer **Toronto, ON**
TD Bank Sept 2022 - May 2024

- Provided **L3 mainframe production support**: ABENDs, batch failures, JCL errors, and incident SLAs.
- Wrote JCL and SAS jobs; tuned **DB2/SQL** for reporting, mining, and operational data needs.
- Executed integration and regression testing on critical batch streams in a regulated bank environment.
- Wrote production-ready code through Endeavor package deployment.
- Automated workflows using **Power Automate**, reducing manual effort **by 10%**.
- **Mentored new team members**, promoting teamwork and collaboration in a multidisciplinary environment.
- Contributed to development tasks across multiple mainframe and distributed projects.
- Created comprehensive system documentation, including business **process models, flow diagrams**.
- Delivered **presentations about networking & technologies used at the bank** during co-op events.

SKILLS

Full Stack:	Java, Spring Boot, React, Hibernate, TypeScript, JavaScript, Python, Node.js, Express
APIs & Data:	RESTful APIs, OpenAPI, JSON/XML, SQL , PL/SQL, DB2 , IMS DB, MongoDB, Redis
Security:	JWT, OAuth, SAML, role-based access control, secure SDLC in banking
Cloud & DevOps:	Azure, AWS (S3, ECS, Cognito), GCP, Docker, Kubernetes, Linux, Git, Bash Script
CI/CD & Test:	Jenkins, GitHub Actions, Jest, Mocha, Supertest, unit/integration/regression testing
Messaging:	Apache Kafka (producers, consumers, Connect, Schema Registry)
Mainframe:	COBOL, JCL, SAS, TSO, ISPF, CA-7, AWF, Endeavor, z/OS Connect, Zowe CLI, IDz, CICS
AI:	Generative AI, LLM-assisted steered development, GitHub Copilot, Cursor IDE
Tools:	Jira, Confluence, Splunk, Dynatrace, DataDog, Postman, IntelliJ, VS Code
Soft Skills:	Teamwork, Mentorship & Collaboration, Problem-Solving, Analysis, Technical & Business Writing, Clear Communication, Self-starter, Outcome-Driven, French (Beginner)

PROJECTS

Harmony With Heart - Community and Event Management App - [Visit on PlayStore/AppStore](#) Present

- Lead developer for live production app: scalable **RESTful APIs** with Node.js, TypeScript, Express on **AWS**.
- Implemented **JWT/OAuth** auth, role-based access control; **85%** test coverage (Jest/Mocha/Supertest).
- Automated deployments through **CI/CD via AWS CodePipeline**; monitoring via Amazon CloudWatch.
- Designed schemas collaborating with business stakeholders to align features with organizational needs.
- Implemented multi-step user registration with RBAC for admins, volunteers, and attendees.

Fragments - Data Management Microservice Sept - Dec 2023

- Built **Node.js/Express** microservice on **AWS** (S3, DynamoDB, Cognito); reduced data query time by **40%**.
- **Containerized with Docker**; deployed on ECS for auto-scaling; 99.99% uptime under load.
- Automated **CI/CD** with GitHub Actions; **CloudFormation** IaC; CloudWatch real-time monitoring.
- Implemented secure user authentication and **role-based access control** with AWS Cognito.
- Applied **AWS CloudFormation for Infrastructure as Code**, enabling consistent environment setup.

Chronicle - Travel Journal App - [Visit App Here](#) Jan - April 2024

- Full-stack app: **React, Next.js, TypeScript,** Node.js, Express, **MongoDB**; CRUD APIs + JWT auth.
- Optimized queries with **MongoDB indexing**, reducing query time by **40%**; 99.9% uptime on deploy.
- Integrated Dropbox API for multimedia storage, reducing database load and retrieval speed by 30%.
- Enabled social sharing and forum features for users to communicate and discover new places.
- Deployed **auto-scaling backend** on Cyclic.sh ensuring seamless high-traffic performance.

HPBU2028 - The Countdown - [Visit App Here](#) 2025 - Present

- Single-page event app: **React 18,** Vite 5, CSS Modules; deployed on Netlify with **GitHub Actions** CI/CD.
- Config-driven architecture; all copy, dates, and slides controlled via single config file.
- Developed fullscreen crossfade slideshow with randomized transitions and configurable intervals.
- Implemented privacy mode toggle and slide lock panel for custom durations (5min to 1 day).
- Added **accessibility support** with prefers-reduced-motion media query handling.

EDUCATION

Computer Programming and Analysis (Co-op) - High Honors	May 2021 - April 2024
Advanced Diploma, Seneca Polytechnic, Toronto	CGPA: 4.0 / 4.0
– Awards: President's Honor list (a term GPA of 4.0/4.0)	Summer 2021 , Summer 2023 , Fall 2023

ACHIEVEMENTS/CERTIFICATIONS

Hackathons: Housing Finalist-[March 2024](#); Smart Cities Finalist-[May 2023](#); Sustainability Winner-[March 2022](#)

Apache Kafka for Beginners - [April 2025](#) **The Full-Stack Web Development Bootcamp - [March 2025](#)**

Go - The Complete Guide - [Jan 2026](#) **SQL Advanced Certification - [HackerRank](#)**

C/C++ & Data Structures - [May 2023](#) **5-Star Silver Badge C++ Coder - [HackerRank](#)**