

Breno Lopes Mafra

Full-Stack Software Developer

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TECHNICAL SKILLS

Languages:	Java, JavaScript/TypeScript, Python
Frontend:	React, HTML5, CSS3, Tailwind, REST/JSON
Backend:	Spring Boot, Node.js/Express, PostgreSQL, MongoDB, RESTful APIs.
Tools & DevOps:	Docker, Git/GitHub, AWS, CI/CD (GitHub Actions / GitLab CI), Postman.
Methodologies:	Agile/Scrum, Clean Architecture, SOLID principles.

WORK EXPERIENCE

Coding Tutor MobiHelp – George Brown College Toronto, ON	Sep 2024 – Apr 2025
<ul style="list-style-type: none">Provided personalized tutoring in Java, SQL, JavaScript, simplifying asynchronous programming and system architecture concepts.Helped students improve grades by 15% through structured guidance and hands-on support, ensuring industry-standard software requirements and best practices.	

Junior Software Developer CENIBRA – Celulose Nipo Brasileira S.A. MG, Brazil	Jan 2023 – Apr 2024
<ul style="list-style-type: none">Engineered internal web applications using React and TypeScript, focusing on high-performance interfaces and optimal user experience.Implemented RESTful APIs with Node.js and Express, managing large-scale industrial data through PostgreSQL/MySQL optimization.Streamlined deployment workflows by containerizing applications with Docker and implementing CI/CD pipelines via Azure DevOps.Delivered code within an Agile/Scrum framework, contributing to code reviews and documentation.	

EDUCATION

Comp. Programming and Analysis, Adv. Diploma George Brown College GPA: 3.6/4.0	2023 - 2026
<ul style="list-style-type: none">Developed full-stack applications using React, TypeScript, Node.js, and Java/Spring Boot, implementing RESTful APIs and PostgreSQL with clean architecture principles.Gained hands-on expertise in Docker, AWS, and CI/CD pipelines while strengthening foundations in Data Structures, Algorithms, Unit Testing, and Agile/Scrum.	

PERSONAL PROJECTS

Full-Stack Developer (Personal Project) – Financial Analytics Dashboard Toronto, ON	Oct 2025 – Jan 2026
<ul style="list-style-type: none">Built a personal finance tracker using React (Vite/TS) and Node.js/Express with KPIs, charts, and auth.Designed a lightweight backend with SQLite, JWT, Zod, and automated guest data cleanup.Deployed the frontend on Vercel and the API on Railway, with environment-based configuration.	
Full-Stack Developer (Academic Project) – Order Management System Toronto, ON	Sep 2025 – Dec 2025
<ul style="list-style-type: none">Built a full-stack Java microservices platform with an API Gateway (JWT + Resilience4J) and aggregated Swagger UIs for end-to-end testing.Implemented product, inventory, order, and notification services using MongoDB with Redis caching, PostgreSQL with Flyway, and Kafka (Avro) for event-driven messaging.Containerized the entire stack with Docker Compose and validated service flows with Testcontainers.	

CERTIFICATIONS AND AWARDS

Dean's Honour List , George Brown College, Toronto, ON	All program semesters
CS50's Introduction to Computer Science , Harvard University	Mar 2025