

Shervin Babaei

Full-Stack Developer

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SUMMARY

Full-stack developer and BCIT student who follows a request past the API: Redis rate limiting, async calls to a local language model, and Express routes behind JWT auth. Top 6 of 36 teams at Hack the Break 2026.

EDUCATION

British Columbia Institute of Technology (BCIT), GPA: 88%

Expected May 2027

Diploma in Full-Stack Web Development

Relevant coursework: OOP, Database Systems, Agile Development, UX/UI Design, Web Application Development

SKILLS

Languages	JavaScript (ES6+), TypeScript, Python, SQL
Front end	React, Vite, Tailwind CSS, HTML, CSS
Back end & data	Node.js, Express, MongoDB (Mongoose), Redis (Upstash), SQLite
Auth & APIs	REST APIs, JWT, Auth0 (GitHub OAuth), WebSockets
Tools & testing	Git, GitHub, Vercel, Figma, pytest, Playwright

PROJECTS

SkillMatch, Full-Stack Workshop Marketplace

Spring 2026

[Live App](#) [Team Repo](#) [Case Study](#) React, TypeScript, Express, MongoDB, JWT, Vercel

Role: Backend & DevOps Lead (3-person team), top committer (114 of ~245 commits)

- Built the attend, review, and host-a-workshop flows end to end, from React screens to JWT-protected Express routes.
 - Reduced first-load time by preloading key routes, splitting React and UI libraries into separately cached chunks, and keeping MongoDB Atlas warm with a five-minute keepalive ping.
 - Added capacity feedback that blocks full workshops, and replaced browser alerts with toast notifications.
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GitScribe, Hack the Break 2026, Top 6 of 36 Teams

March 2026

[Live Demo](#) [Repo](#) React, TypeScript, Chakra UI, Auth0, FastAPI, OpenAI

Role: UI/UX Lead & Front-End Developer

- Built the sign-in, navigation, and profile screens from the team's Figma designs during a 24-hour sprint.
 - Removed a step from sign-in by sending users straight to GitHub through Auth0's GitHub connection.
 - Contributed to an AI tool that compares two file versions and suggests a commit message; placed top 6 of 36.
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ThinkBoard, Full-Stack Notes Application

March - April 2026

[Repo](#) MongoDB, Express, React, Node.js, Redis (Upstash), Tailwind CSS

- Protected the API with Upstash Redis sliding-window rate limiting (50 requests per 60 seconds), returning HTTP 429 with a dedicated rate-limited screen in the UI.
 - Built full CRUD for notes, with required fields enforced in both the form and the Mongoose schema.
 - Gave every create, edit, and delete clear feedback with toast notifications, without a page refresh.
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Discord AI Bridge, Local LLM Chat Bot

March - April 2026

[Repo](#) Python, discord.py, LM Studio, REST API, asyncio

- Connected a Discord bot to a locally hosted Qwen 3.5 9B model through LM Studio's OpenAI-compatible API.
- Kept the bot responsive during generation by moving the blocking HTTP call into a worker thread with `asyncio.to_thread()`.
- Reported connection, HTTP, and malformed-response failures as plain messages in the channel instead of failing silently.