

Amaan Gokak

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Education

B.Sc. in Computer Science - 3.7 GPA
University of British Columbia

Sep 2018 - Dec 2023
Vancouver, BC

Skills

Languages: Java, JavaScript, TypeScript, C#, Go, Python, HTML, CSS, EJS

Frameworks: React, Redux, Spring, Next.js, TanStack, Remix, NestJS, .NET, JUnit

Libraries: Tailwind CSS, Chakra UI, Material UI, Radix UI, Prisma, shadcn/ui

Platforms: Cloudflare, Vercel, AWS

Databases: MongoDB, PostgreSQL, HANA, MySQL, MSSQL, Firebase Firestore

AI: Codex, Claude Code, Cursor, OpenClaw, GitHub Copilot, v0, AI SDK, MCP, RAG, Agentic Workflows

Tools: Git, GitHub, Gerrit, Kubernetes, Docker, Jenkins, Maven, AWS S3, REST, GraphQL

Experience

Software Engineer II

Delivra

Jul 2024 - Present

- Leading self-serve onboarding for Delivra Air, building Stripe billing, checkout, subscription lifecycle handling, auth edge cases, and Salesforce handoff across React, .NET APIs, billing workflows, and revenue operations
- Shipped core Air features including Analytics Reports, Contacts/Segments management, and an Automation workflow builder for complex multi-step email campaigns
- Built WooCommerce integration with OAuth2, custom .NET APIs, and MSSQL transformations to sync store inventory, orders, and customer data into Delivra's custom table system
- Led team-wide adoption of AI-assisted development using Cursor and Claude Code, documenting workflows for refactoring, debugging, and feature scaffolding
- Resolved 30+ production issues across exports, forms, and analytics; debugged full-stack issues spanning React state, .NET APIs, and SQL

Co-founder | Technical Lead

NuTeach | <https://nuteach.ca>

May 2020 - Present

- Led NuTeach from UBC research prototype to production Canvas LTI 1.3 learning platform for live courses at <https://nuteach.ok.ubc.ca>, securing a \$20K grant and partnering with UBC Innovation & Entrepreneurship to commercialize it
- Rebuilt the 200K+ LOC platform with React 19, TanStack Start, TypeScript, Prisma/MariaDB, Tailwind/Radix, Docker, and Apache, moving to SSR, server functions, Canvas OAuth, and course-scoped access control
- Built a Canvas-synced coin economy where students earn from graded submissions and redeem deadline extensions, bonus marks, and weight shifts; added instructor calibration dashboards, drift detection, pending decisions, and Canvas write-backs
- Integrated AI tutor and coding workflows with AI SDK, Gemini/OpenAI, Monaco, and Judge0, giving students contextual help from activity/question/answer data plus sandboxed execution, automated tests, hints, and detailed feedback
- Hardened production operations with health/metrics endpoints, traces, incident dashboards, background job monitoring, LTI launch failure attribution, and 10-minute auto-deploys

Software Developer Co-op (iXp)

SAP - HANA and Analytics

Sep 2021 - Sep 2022

- Developed Java/Spring Boot microservice providing authentication, authorization, routing, and database access tooling for teams across the HANA and Analytics organization
- Exposed HashiCorp Vault as a centralized secret store; built a credential caching client that made queries 60-80% faster and removed 3000+ lines of legacy code
- Added repo-wide linting standards and refactored legacy modules/configuration to improve maintainability across internal platform services

Backend Software Engineer Co-op

Kabam

May 2023 - Sep 2023

- Worked with Live Operations on Marvel Contest of Champions, managing payments, login rewards, updates, and content delivery for millions of active players
- Added payments/subscriptions endpoints and merged purchases with the in-game store for 15-20% higher premium-content conversion
- Refactored legacy JavaScript and server-side EJS to improve maintainability and reduce load times by up to 200%

Projects

Flashcardy - <https://flashcardy.app>

Apr 2026

- Built and deployed an AI flashcard study app with 25+ paid users that turns notes, PDFs, slides, and pasted text into editable decks, drills, and daily review workflows using React, TanStack Start, TypeScript, and Cloudflare Workers
- Implemented production Cloudflare architecture with Workers, D1, R2, Durable Objects, Better Auth, Polar billing, and async import jobs for AI deck generation and file processing
- Developed spaced-review workflows with card progress tracking, retention-based scheduling, weak-card detection, public deck sharing, guest trial decks, and responsive marketing/app surfaces

VoiceMaxx - <https://voicemaxxapp.com>

Jul 2026

- Built and shipped an AI voice-coaching iOS app (React Native/Expo, TypeScript): recordings become scored coaching reports via Whisper transcription and structured LLM analysis, with AI-generated daily prompts, metric-gated drills, and App Store subscriptions with free trial and native Sign in with Apple
- Designed the Supabase backend – Postgres with RLS, private audio storage, 8 edge functions, cost caps, account deletion, RevenueCat webhook-verified entitlements – and owned launch ops: EAS build/OTA channels, Sentry, PostHog funnels, Cloudflare Workers marketing site