

SHREYAS GOYAL

+1(778) 875-9195 ◇ Vancouver, BC

[Email](#) ◇ [Portfolio](#) ◇ [LinkedIn](#) ◇ [GitHub](#)

TECHNICAL SKILLS

Languages	Python, TypeScript, Java, R, SQL, NoSQL, C, C++
Frameworks	Flask, FastAPI, Next.js, React.js, Redux, Tailwind, Node, JUnit
Developer Tools	Google Cloud Platform, Google Spanner, Git, UNIX, Docker, Terraform

WORK EXPERIENCE

Software Developer Gumloop (YCombinator W24)	Jan 2024 - Present <i>San Francisco, CA</i>
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- Developed an **AI SaaS** tool to allow users to create custom enterprise software with no code, achieving **\$40,000+** Monthly Recurring Revenue during the YCombinator batch, by shipping 270+ features.
- Integrated with **25+** providers including Gemini, OpenAI, Slack, Notion, Airtable and LinkedIn using **Python** & **OAuth2.0**, allowing users to link workspaces, CMS, and AI services to build comprehensive workflows.
- Engineered Gmail, Slack, and Airtable triggers to automate users' workflows using **Google Cloud Platform**, **Pub/Sub** notifications, and CRON scheduled **Cloud Functions** for refreshing expired triggers and following least privilege **IAM** policies.
- Maintained **Google Kubernetes Engine** clusters, and used **Celery** and **Redis** for worker management, enabling concurrent workflow steps per user, thus optimizing workflow runtimes by **1500%**.
- Optimized **Google Spanner** SQL queries by using batch processing, reducing Spanner latency by over **90%**.
- Designed and developed responsive AI Credit dashboards using **React**, **Recharts** and **TailwindCSS** to monitor LLM usage dynamically, enhancing user retention.

Data Structures and Algorithms Teaching Assistant University of British Columbia	Sep 2023 - Apr 2024 <i>Vancouver, BC</i>
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- Automated LeetCode porting with **GPT-4o**, creating coding practice for students in a containerized setup.
- Led the exam development team, creating a **Binary Search Tree** to **Priority Queue** conversion assessment.
- Won the UBC Computer Science Undergraduate Teaching Assistant Award with **100%** student satisfaction.

PROJECTS

Zolyra (Python & TypeScript). Currently developing an AI assistant alternative to Apple Intelligence to schedule optimized work timings, using a **fine-tuned Llama-3-70b** model.

Examifai (JavaScript). Engineered an AI quiz development web app for UBC CS courses, using **GPT-4** to generate multiple-choice quizzes for practice, winning the **AgentHub sponsor prize** at HackCamp.

Monstermon (Java). Developed a monster simulator game inspired by Pokemon, with data persistence using JSONification, with **100%** JUnit code coverage, and an interactive Java SWING interface, gaining 10+ users.

EDUCATION & AWARDS

Bachelor of Computer Science, University of British Columbia	Sep 2022 - Dec 2026
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- 3rd Year Computer Science student - **GPA: 4.0/4.0**.
- Faculty of Science International Student Scholar (\$10,000), International Major Entrance Scholar (\$80,000)
- Science Scholar and Dean's Honour List + J. Fred Muir Scholar (2023 & 2024).