Saad Chowdhury

647-606-3619 | saad.c10@gmail.com | linkedin.com/in/saadchow | github.com/saadchow | saadchow.me

EDUCATION

General Assembly   Toronto, ON
Software Engineering Immersive – Full-Stack Development

McMaster University   Hamilton, ON
H.B.Sc., Honours Life Sciences

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, Python, HTML5, CSS, SQL, MongoDB, PostgreSQL, Node.js, Express, React.js, Django, Tailwind CSS, Bootstrap, Docker, Redis.

Dev Tools & Platforms: Git, GitHub, Render, Netlify, Heroku, Amazon S3, **Cloudinary**, environment variables/**secrets**, RapidAPI, OpenAPI, Google OAuth.

Key Competencies: RESTful APIs, Authentication & Security (**JWT**, **bcrypt**, **CORS**/CSRF, input validation), Front-end & Back-end architecture, Data modeling (**Mongoose ODM**, **Django ORM**), Deployment pipelines (multi-service on **Render**, env vars), Agile workflows (**GitHub Flow**, Trello).

EXPERIENCE

Outlier.ai   Remote
AI Training and Prompt Engineering   2025
- Engineered structured training prompts and scenario scripts to help fine-tune LLMs across diverse domains.
- Executed quality assurance (QA) protocols in cross-functional workflows, contributing to scalable model improvement pipelines.
- Maintained documentation for model training logic and edge cases to inform iterative improvement and long-term development strategy.

Riot Games via Directly   Los Angeles, USA (Remote)
Technical Support Specialist   2018
- Diagnosed and resolved complex technical issues across platform systems using custom troubleshooting protocols.
- Improved user response efficiency by 20% by creating optimized workflows for common ticket types.
- Collaborated with internal teams to streamline documentation and feedback loops, increasing solution accuracy and reducing turnaround time.

PROJECTS

ShowTime | *React, Node.js, Express, MongoDB, Mongoose, REST, Render*
- Designed and built a RESTful **Node.js/Express** API and **Mongoose** data models for users, lists (Plan to Watch/Watching/Completed), and show metadata.
- Developed a responsive **React** UI with client-side routing and hooks; integrated the **Jikan (MyAnimeList) API** for search, trailers, and cast details.
- Configured **Render** multi-service deploys (separate client/server) and environment variable **secrets**; used **GitHub Flow** (branches/PRs) and Agile task tracking (Trello).

Sushi & Sides | *React, Node.js, Express, MongoDB, Mongoose, JWT, REST, Render*
- Implemented an authenticated **MERN** ordering flow: sign up/login (**JWT** + **bcrypt**), browse by category, add to cart, update quantities, checkout (mark orders paid), and view order history.
- Modeled products, carts, and orders with **Mongoose ODM** on **MongoDB Atlas**; enforced input validation, **CORS**, and robust error handling; exposed clean **REST** endpoints for CRUD operations.
- Built a component-driven **React** UI with accessible forms and responsive layout; handled API state, loading, and error UX; configured **Render** service settings and simple CI/CD via GitHub pushes.

GarageGuru | *Django, Python, Django ORM, Cloudinary, HTML/CSS/JS, Render*
- Developed a social app for automotive posts with **Django** views, templates, and models supporting create/read/update/delete, likes, comments, and keyword search.
- Integrated **Cloudinary** for media storage with **signed uploads**; added auth-aware UI and permission checks for user actions.
- Optimized database access using **Django ORM** query patterns (select/prefetch where applicable) and sensible indexes; documented setup, migrations, and environment configuration.