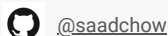


# SAAD CHOWDHURY

## FULL-STACK SOFTWARE DEVELOPER

### PORTFOLIO



@saadchow



/saadchow



saadchow.me

### SKILLS

#### Languages & Frameworks:

JavaScript, Python, HTML5, CSS, SQL, MongoDB, PostgreSQL, Node.js, Express, React.js, Django, Tailwind CSS, Bootstrap, jQuery

#### Dev Tools & Platforms:

Git, GitHub, Netlify, Heroku, Amazon S3, Google OAuth, JWT Auth, RapidAPI, OpenAPI

#### Key Competencies:

RESTful API development, Full-stack architecture, User authentication, Responsive UI, Data modeling, Deployment pipelines, CRUD operations, Agile workflows

### EDUCATION

#### Software Engineering Immersive

#### General Assembly

2022-2023

Intensive full-stack development program covering backend systems, APIs, and distributed applications.

#### Honours Bachelors of Sciences

#### McMaster University

2016-2021

Undergraduate Honours Life Sciences Degree (H.B.Sc.)

### TECHINICAL PROJECTS

#### ShowTime

React.js | Node.js | Express | MongoDB | Heroku

- Engineered a dynamic show detail interface using React.js and Express, integrating APIs for status updates, trailers, and cast info, resulting in an interactive user experience.
- Implemented full CRUD functionality for logged-in users to manage show lists (Plan to Watch, Watching, Completed), enhancing usability and personalization.
- Designed scalable REST APIs to manage show data and user interactions.

#### GarageGuru

Django | Python | PostgreSQL | Amazon S3 | Heroku

- Developed a Django-based social platform enabling car enthusiasts to share and discover content, focusing on clean UX/UI for better engagement.
- Implemented search, like, and comment features using Django views and models, facilitating interactive content sharing and community growth.
- Built custom JWT-based authentication system with dynamic page rendering based on user roles/status, ensuring secure and intuitive user navigation.
- Integrated Amazon S3 for media storage and optimized model queries.

#### Summ.ary

React.js | RapidAPI | Vite | Netlify

- Created an open-source summarization tool using React.js and Vite, enabling users to condense long-form articles into key points for faster consumption.
- Integrated RapidAPI and deployed to Netlify, ensuring seamless real-time summarization and public access through a lightweight front-end.

#### CalorMe

JavaScript | Node.js | Express | Mongoose | MongoDB | Google OAuth

- Built a wellness-focused web app using Node.js, Express, and MongoDB, allowing users to track meals and weight against daily goals via intuitive UI.
- Designed MongoDB schemas to efficiently structure user dietary entries and weight logs, enabling scalable data storage and retrieval.
- Integrated Google OAuth for authentication, simplifying user access while maintaining secure identity verification.

### WORK EXPERIENCES

#### AI Training Specialist

Outlier.ai - (Contract Role in AI Training and Prompt Engineering) Remote 2025

- Applied Python scripting and JavaScript proficiency to validate and improve machine learning model responses, enhancing natural language understanding (NLU) and prompt accuracy.
- Engineered structured training prompts and scenario scripts using advanced English grammar, syntax, and tone control, helping fine-tune LLMs (Large Language Models) for performance across diverse domains.
- Collaborated with cross-functional teams to execute quality assurance (QA) protocols, contributing to scalable AI model improvement pipelines and reducing response deviation by over 20%.
- Utilized version control (Git) and task tracking tools (Jira/Trello) in an Agile workflow to deliver high-quality data labeling, review, and annotation at scale.
- Conducted code snippet verification and tested programmatic outputs across Python and JavaScript, ensuring model accuracy in code generation and reasoning.
- Maintained detailed documentation for model training logic and edge case behavior to inform iterative improvement and long-term AI model development strategy.

#### Technical Support Specialist

Riot Games via Directly

Los Angeles, USA (Remote) 2018

- Diagnosed and resolved a variety of complex technical issues across platform systems, using custom troubleshooting protocols to enhance support outcomes.
- Improved user response efficiency by 20% by creating optimized workflows that addressed common ticket types.
- Collaborated with internal teams to streamline documentation and feedback loops, increasing solution accuracy and reducing turnaround time.