Gurshan Jhinger

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EDUCATION

- **Simon Fraser University** — Burnaby, British Columbia
  Bachelors of Science - BSc, Computer Science — *Sept 2018 - exp. August 2023*

SKILLS SUMMARY

- **Languages/Markup:** JavaScript, TypeScript, Python, SQL, HTML/CSS, some C/C++/Java
- **Frameworks:** ReactJS, NextJS, EmberJS, ExpressJS, NodeJS, Ember-Qunit
- **General/Tools:** Git, JIRA, VSCode, Figma, Selenium, Zod, Prisma, PostgresSQL, GraphQL, TailwindCSS

EXPERIENCE

- **Later - Frontend Developer Intern** — Vancouver, B.C.
  JavaScript, TypeScript, HandlebarsJS, EmberJS, Ember-Qunit, CircleCI, JIRA, Figma — *Sept 2022 - December 2022*

  - Developed and deployed the 'Archive Campaign' feature, improving brand organization by allowing seamless movement of campaigns between Public, Private, and Archived states.
  - Leveraged EmberJS and TypeScript to develop features within the Creator/Brand domain - utilized various components of Ember Octane including controllers, services, routes, adapters, engines, serializers, and more.
  - Collaborated with QA, UI/UX, and other Frontend Development team members to close over 40 tickets, ensuring smooth functionality and high-quality user experiences.
  - Actively participated in the Scrum development cycle with a 15-member team, attending daily standups, sprint planning, and retrospectives.

- **PixlWorks Productions - Software Developer Intern** — Vancouver, B.C.
  JavaScript, HTML/CSS, ReactJS, NodeJS, Express, Heroku, GraphQL, graphql-request, axios — *January 2022 - April 2022*

  - Developed a full-stack software solution to tackle PixlWorks' growing bottleneck relating to the main service they provide to customers. Increased customer capacity from the previous limit of 200 to over 10k (5000% growth).
  - Created an intuitive user interface for seamless navigation on mobile and desktop platforms, optimizing resource accessibility with minimal interactions.
  - Implemented business logic using a NodeJS/Express backend and wrote mutations/queries for a GraphQL API being consumed by the application.
  - Transitioned to a second team focusing on building a centralized platform for customer order tracking - revamped the user interface with a strong emphasis on efficiency and user-friendliness for employees.

PROJECTS

- **RateMyClass**
  TypeScript, NextJS, Next-Auth, Prisma, Zod, ChartJS, RDS PostgresSQL, TailWindCSS, Figma — *Nov 2022 - Current*

  - Created an informational hub for university and college students, facilitating class rating and review exchanges among peers and building a database of student ratings for reliable academic insights.
  - Employed NextJS's app router, flexible client/server rendering, and serverless functions to streamline the build process and optimize platform performance.
  - Integrated ChartJS to present insightful class and department data visualizations, while ensuring data reliability through Zod schema declaration and validation.
  - Designed a high-fidelity wireframe within Figma and implemented it with TailwindCSS, ensuring seamless application layouts, components, icons, and responsive design.
  - Implemented a secure authentication system by combining Next-Auth, Prisma, and PostgresSQL, ensuring data privacy and effective storage of user, university and class-specific information.