Jonah Seguin

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Programming Skills

- **Languages**: Java, Kotlin, Python, JavaScript, TypeScript, Rust, SQL, HTML, CSS

- **Technologies**: React, Next, Vue, Nuxt, Node, MongoDB, Redis, MySQL, PostgreSQL, Kubernetes, Docker

Experience

- **Akuma Games LLC** — USA - Remote
  Software Engineer — *Jan 2022 - Present*
  - Developed and shipped a full-stack web application with real-time chat, Twitter-style posts, rich player statistics, and close integration with the game servers.
  - Implemented a horizontally-scaleable GraphQL-based API written in Rust using tokio, actix-web, async-graphql, MongoDB and serde.

- **Pls Hurt Me LTD** — Edmonton, AB
  Software Engineer — *Jan 2022 - Oct 2023*
  - Developed a full-stack booking and consultation web application for tattoo appointments and scheduling.
  - Developed a full-stack booking platform web application for laser tattoo removal services.

- **Tsanga Inc** — Edmonton, AB
  Co-Founder, Software Engineer — *Jan 2020 - Present*
  - Created a web-based software-as-a-service enabling users to manage a virtual "multiplayer browser" for collaborative media consumption. (toad)
  - Developed a REST API and TypeScript SDK for managing WebSockets and simple real-time event publishing on full-stack Next.js applications. (orbit)

- **Hypixel Inc** — Canada - Remote
  Software Engineer — *Nov 2020 - Nov 2021*
  - Led a project addressing server code vulnerabilities to prevent item duplication, mitigating risks to the virtual economy and achieving a 90 percent reduction in incidents.

- **Universal Music Group** — USA - Remote
  Software Engineer — *Aug 2020 - Nov 2020*
  - Developed and shipped a full-stack Vue.js web application allowing UMG to license out music for use in YouTube videos.

- **Hylist Games LLC** — USA - Remote
  Software Engineer — *Oct 2019 - Aug 2020*
  - Developed and shipped dozens of game content updates and bug fixes to production, played by over one million unique users.

Projects

- **orbit**: WebSockets-as-a-service REST API and library focusing on developer experience for full-stack Next.js applications.
- **toad**: Real-time web application with an embedded multiplayer browser for shared media consumption between multiple users.
- **musty**: Open source database-agnostic NoSQL object-document wrapper library for Rust applications.
- **drink**: Open source inversion-of-control command parsing framework for Java applications.