

RAHUL CHOWDHURY

+1(720) 300-9118 ♦ Denver, CO

chowdhuryrahul5@gmail.com ♦ [LinkedIn](#) ♦ [Github](#)

TECHNICAL SKILLS

Programming Languages	Java, TypeScript, Javascript, Python
Frameworks And Software	Node, React, MongoDB, PostgreSQL, OpenAI, AWS, Angular, RxJava, Vert.x

WORK EXPERIENCE

Senior Software Engineer Simplr.ai - An Asurion Entity	Oct 2022 - Ongoing <i>San Mateo, CA</i>
---	--

- Designed and implemented full-stack features for Simplr's AI-powered chatbot, utilizing large language models to automate and self-serve 100 customer tickets/minute. Technologies used: Typescript, MongoDB, React, LLMs
- Owned the end-to-end development of a language translation feature powered by Generative AI, thus enabling 1000s of customer service representatives to address inquiries in multiple languages, enhancing customer satisfaction and engagement.
- Led the backend efforts to deliver a self-serve ticket workflow solution to enterprise partners, slashing operational team efforts by 50% and significantly improving process efficiency.
- Reduced Simplr's AI chatbot's(a React application) bundle size by 25% through React optimizations, resulting in a quicker and more responsive initialization process, and improving user experience.
- Spearheaded the development of a proof of concept, planning, and execution for migrating legacy JavaScript applications to TypeScript, enhancing type safety and reducing runtime errors by 30%.

Software Engineer Snapdocs	Dec 2021 - Aug 2022 <i>San Francisco, CA</i>
---	---

- Contributed to building scalable and fault-tolerant features enable lending and title companies schedule notaries in a fast and efficient manner. Technologies Used: Ruby on Rails, React, Typescript, PostgreSQL
- Championed the migration of legacy code base to API based new state-of-the-art technology, consequently decreasing notary order creation time by 25%.
- Spearheaded the design and development of an email notification system, reducing notary order signing times by 30% through timely customer updates.

Software Engineer CenturyLink	June 2019 - Dec 2021 <i>Denver, CO</i>
--	---

- Implemented resilient, distributed and scalable micro-services to provide software backbone to enterprise networks. Technologies Used: Java, PostgreSQL, Typescript, Node.js, Angular
- Built an innovative Node.js microservice for ticket enrichment, automating the registration of millions of hardware tickets for network diagnostics, significantly streamlining issue resolution.
- Developed a holistic warehouse UI app helping 1000's of field technicians to troubleshoot network deployments.

EDUCATION

Master of Science - Computer Science, University of Colorado Boulder	May 2019
Bachelor of Technology - Computer Science, VIT University, India	May 2017