Rahul Chaudhary

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SUMMARY OF SKILLS

LANGUAGES/FRAMEWORKS

Python • Ruby • TypeScript • Node.js
React • Java • SQL • Rails
C • C++ • HTML5 • CSS

TOOLS/SKILLS

Kubernetes • AWS • Azure • Docker
DynamoDB • Redis • DataDog • Protobuf
ETL Data Pipelines • Spark • Elasticsearch
Terraform • Snowflake • Git • NoSQL
Snowflake • Unity • Unity VR • Figma

EDUCATION

UNIVERSITY OF TORONTO

B.Sc in Computer Science
May 2017 | Toronto, ON
Cumulative GPA: 3.79
Graduated with High Distinction
Dean's Admission Scholarship
Dean's List (1st, 2nd and 3rd Year)
Department of C.S. Ambassador

LINKS

Github: **rahulch95**
LinkedIn: **rhlcy**
Website: **rahulch95.github.io**

COURSES

UNDERGRADUATE

Operating Systems (C)
Relational Algebra and Advanced Databases (SQL)
Computer Graphics (C++)
Algorithm Design and Analysis (Python)
Functional Programming (Haskell)
Data Structures and Analysis (Python)
Computer Networking Systems (C)
Neural Nets (Python)
Artificial Intelligence (Python)
Visual Computing and Graphics (Python)
Software Design (Java)
Game Development (C#)
Design (UX and UI)

EXPERIENCE

CHIME | FinTech | Senior Software Engineer | Vancouver

September 2021 – Current

- Led development of several key features like Chime Deals, Money Transfers, Tax Documents, Retention Incentives and ETL data pipelines.
- Lead engineer on multiple projects with several stakeholders, 4+ engineers, and 8+ cross-functional partners.
- Led restructuring of the on-call processes for the entire org; improved the on-call onboarding, incident alerting, metric monitoring etc. to reduce Time To Detection (TTD) and Time To Resolution (TTR) for engineers.
- Running architecture guild for the 80+ engineers in the Growth organization.
- Working closely with Design, Product, PgM, Legal, Analytics, Data eng, and external vendors on numerous projects like to deliver scalable features like "Tax Documents" on-time.
- Built streaming and batch Spark data pipelines on AWS archicture at massive scale to support use cases around several Retention Incentives.
- Saving millions annually for customers & Chime with bold projects like "Chime Deals", that helped exceed our KPI goals by acquiring and retaining customers.

MICROSOFT | Azure IoT | Software Engineer II | Vancouver

October 2017 – August 2021

- Built multiple reliable, self-correcting and scalable microservices that can handle data from millions of IoT Devices as part of the Azure IoT team.
- Added features focused on authentication, authorization, consumer APIs, data export, device simulation, and more that helped on-board key customers.
- Created microservices from the ground up with focus on scalability, service architecture, caching and database design running on Docker and Kubernetes.
- Re-architected and re-factored microservices to increase reliability, and decrease number of availability incidents from a few per week down to none.

MICROSOFT | Software Engineer Intern | Seattle

May 2016 – August 2016

- Wrote optimized SCOPE (C# and SQL) queries to work on terrabytes of data on Microsoft's Big Data Platform to catch major issues in Windows Insider builds.
- Created tool to collect and visualize actionable insights based on customer feedback, build ratings, error rates, etc. to increase customer retention.

WEPAY | FinTech | Software Engineer Intern | Palo Alto

May 2015 – August 2015

- Created data signals used for fraud detection purposes by recording and gathering huge amounts of data from APIs and databases.
- Built micro-service to help detect fraud used by Risk Analysts and ML models.

UNIVERSITY OF TORONTO | Student Researcher | Toronto

May 2014 – August 2014

- Student Researcher & Game Developer at University of Toronto testing effects of complexity of controls on visually impaired gamers with a custom-built game.

UNIVERSITY OF TORONTO | Teaching Assistant | Toronto

September 2016 – December 2016