

# Hrithik Shah

INTERESTED IN MID - SENIOR ENGINEERING ROLES

✉ hrithikhahs@gmail.com | 🌐 hrithikshah.com | 📺 CoderHahs | 📺 hrithik-shah

## Skills

**Programming** Python, Java, C#, C++, JavaScript, HTML, CSS, TypeScript, Ruby, SQL, Scala  
**Technologies** AWS, Angular, .NET, Ruby on Rails, React, React Native, Selenium, Flask, Jupyter Notebooks, Postman, Docker

## Experience

### Amazon - AGI

Sunnyvale, California

SOFTWARE ENGINEER

Sept 2024 - Present

- Implemented feature enhancements for computer vision services, including facial recognition improvements
- Streamlined the feature request process for data collection, improving efficiency and reducing turnaround time
- Contributed to the development of a data collection application, adding new session types for enhanced data gathering
- Participated and ranked in the top 20% in internal LLM review competitions, gauging the capabilities and limitations of the new technology
- Collaborated with principal engineers to troubleshoot low-level device hardware issues in C++ across multiple operating systems, successfully meeting migration goals

### Amazon - Private Brands

Seattle, Washington

SOFTWARE ENGINEER

Oct 2023 - Aug 2023

- Implemented a globally-aware buying system, enhancing scalability across international markets
- Developed and implemented a comprehensive monitoring stack for data extraction processes, significantly improving system reliability
- Implemented data quality tests and validation for audit processes, ensuring data integrity and accuracy
- Led the development of a supply tracking component, improving supply chain visibility and efficiency
- Designed and executed an efficient data backfill strategy, improving completeness and consistency

### Manulife

Toronto, Canada

SOFTWARE ENGINEER

Feb 2023 - Sept 2023

- Engineered a GraphQL resolver for user authorization which replaced legacy SOAP services and reduced query times by over 90%
- Participated in on-call rotation, swiftly resolving 5+ critical production incidents, minimizing downtime and enhancing MTTR
- Mentored and onboarded new team members through peer-programming sessions and on-call training
- Strengthened code quality across teams by reviewing 30+ code changes, offering constructive feedback, and promoting standardized practices
- Presented multiple deliverables to product owners, VPs and other stakeholders to showcase project milestones

### Amazon

Toronto, Canada

SOFTWARE DEV ENGINEER INTERN

May 2022 - Aug 2022

- Implemented and launched a notification system that processes over 10k messages daily and reduces latency by 10% for merchant inbound services using Amazon DynamoDB, Lambda, SQS & SNS
- Created a full CI/CD pipeline that monitors the health of the notification system and deploys to regions in NA, EU & FE
- Led design and technical reviews with software engineers and managers to finalize technical specifications and business requirements
- Designed a launch plan and mitigation strategy for the system ensuring no negative impacts to downstream services

### Royal Bank of Canada

Toronto, Canada

DATA SCIENTIST INTERN

Jan 2020 - Apr 2020

- Improved an entity resolution model to 95% accuracy using scikit-learn to create Word n-gram matrices and applying Logistic Regression
- Reduced fuzzy matching processing times to under 30 minutes for millions of client records using MinHash and Locality Sensitive Hashing
- Presented insights to executives on CEBR spending to reduce fraud by 5% during the COVID-19 pandemic

## Entrepreneurship

### Software For Love | Website

Remote

DIRECTOR | CHIEF EXECUTIVE OFFICER (CEO)

Apr 2020 - Jan 2023

- Led 40+ developers, designers, project managers in building web applications for local charities
- Tackled challenges in hiring processes, software development practises and CI/CD to elevate members' unique skills and passions
- Directed 10+ projects, donated \$10000+ to charities and partnered with Snyk and Google for software infrastructure support

## Education

### University of Ottawa

Ottawa, Canada

BASc IN SOFTWARE ENGINEERING (CO-OP), 3.7 GPA

Sep 2018 - Dec 2022

- Undergraduate courses: Data Structures & Algorithms, Intro to AI & Data Science, Software Architecture, User Interfaces, Software Requirements
- Graduate courses: Topics in AI, Virtual Assistants