# RUMEZA FATIMA

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## EDUCATION

**University of Calgary**      **Expected Graduation 2028**

*Combined Bachelor of Science in Computer Science and Data Science*

**Awarded $300K in scholarships:** Schulich Leader ($100K), Ted Rogers Legacy ($100K), Investing in Future Award ($100K)

## EXPERIENCE

**Health Interfaces Developer Intern**      August 2024 – April 2025

*Symbiotic AI*

- Implemented FHIR data lake via AWS HealthLake, ingesting over 250,000 clinical records from Epic into a normalized format. Built a Django-based API layer to enable secure and efficient access to FHIR resources, reducing data retrieval time by 40%
- Deployed the first production build for Revaz AI with AWS EC2, implementing SES and configuring Nginx for deployment
- Dockerized dev environment for frontend, backend, and ML repos; deployed AWS MMS in Docker to serve multiple ml endpoints
- Engineered full stack web interface for v1 Revaz AI in Svelte and Django to manage data interoperability with health systems
- Designed and developed product waitlist site using Next.js; used AWS quicksite to optimize site analytics management by 80%

**Founding Engineer**      August 2023 – September 2023

*EasyShifa*

- Designed MVP platform for early pharma-tech startup in Pakistan, creating Figma mockups for various user group portals
- Developed 3+ pitch decks for early seed rounds, securing a partnership with Pakistan's largest pharmacy chain, Bashir Sons
- Prototyped UX/UI for customer and delivery system interfaces and developed MVP with React Native and NativewindCSS

**Software Engineering Intern**      July 2023 – August 2023

*Arcurve*

- Performed UI audits on internal touchscreen project, expertly restyling and creating 7+ pages to replicate proposed Figma UI
- Learned TypeScript and stylized components in strict time, finalizing features for internal project 3 months ahead of schedule
- Pitched feature for company to add to recruitment project, transitioning to fullstack role, enabling prospective employees to get matched with roles based on skills, creating a valuable data collection asset and attractive recruitment strategy for company

**Co-founder**      December 2022 – July 2023

*Torpedo*

- Founded digital career advisor that creates personalized opportunity pathways and tailored resources for young professionals
- Developed 3+ pitch decks for early seed rounds, resulting in acceptance to LOI, partnerships with ADPLIST and Bachmanity VC
- Prototyped platform in Figma, creating landing site in a week using ReactJS and Tailwind, garnering 30+ signups in initial days

**Software Engineering Intern**      July 2022 – August 2022

*Pixeltree Inc*

- Utilized ReactJS and TailwindCSS to develop and style internal ecommerce project, shipping V2 months ahead of schedule
- Created 20+ features, programming controllers and models with Ruby on Rails to optimize data distribution in app
- Developed company's hackathon portal, creating template for future hackathons, leading to 70% increase in participants

## PROJECTS

**Rumoogle** | *Next.js, TailwindCSS, AWS*

- Created viral Google-inspired portfolio using Next.js and Tailwind, gaining 40k+ users in <week and 500k+ linkedin impressions

**Muto** | *Next.js, TailwindCSS, Tensorflow, Firebase*

- Developed full-stack Next.js platform in <18 hours to support homeless individuals reintegrate into the workforce
- Built a custom TensorFlow model with 75 input nodes and dual 16-node hidden layers to analyze keyword frequency and emotion from user narratives, generating tailored resource, job and mentor suggestions based on users' experiences and skills

**Renew** | *React Native, Firebase, Nativewind*

- Partnered with Calgary-based nonprofits to develop a pipeline for overstock donations from secondhand clothing businesses to go to local charities; initiative projected to redistribute $300K+ worth of clothing and solve persisting stock issues in non-profits
- Developed React Native mobile application in 86 hours, solely creating figma design, hard-coding Calendly inspired algorithm for scheduling features, implementing direct messaging, browsing pages and persistent login in platform using Firebase API

## TECHNICAL SKILLS

**Languages**: Python, Java, C++, JavaScript, Typescript, HTML, CSS, SQL, Sqlite, Solidity, Ruby, XML, GraphQL
**Technologies**: React, Next.js, Express.js, Node.js, Svelte, Flask, Django, Tailwind CSS, PyTorch, Pandas
**Development Tools**: Git, Docker, Bash, Linux, MongoDB, PostgreSQL, Firebase, AWS (EC2, ECS, EBS, Amplify, MMS), GCP, Nginx