

# Abdurraouf Etagiuri

(306) 261-7731 | Roofa.Etagiuri1@gmail.com | linkedin.com/in/abdurraouf | github.com/AbdurraoufE | Portfolio

## EDUCATION

### University of Saskatchewan

Saskatoon, SK

*Bachelor of Science in Computer Science*

*2025 (Expected)*

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Software Systems, Database Systems, Web Development, and Software Engineering

### Advanced Innovation Group Pro Excellence

AIPGE

*Lean Six Sigma Yellow Belt Certification*

*Achieved*

## EXPERIENCE

### Headstarter AI

Jul. 2024 – Present

*Software Engineer Fellow*

*Long Island City, NY*

- Building **5** AI apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with **98%** accuracy seen by **1000** users
- Developing projects from design to deployment leading **4+** engineering fellows using MVC design patterns
- Currently being coached by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git, and microservice patterns

### PSI Technologies Inc.

Sept. 2023 – Present

*Software Developer Intern*

*Saskatoon, SK*

- Optimized software quality and user satisfaction by developing a Data Visualization Application using C#, .NET Core, MVVM principles, and DevExpress, leading to a **40%** reduction in bugs and a **25%** increase in user feedback
- Collaborated on PSISams3D and PSIVisions3D projects, by maintaining end-to-end development in code reviews and peer sessions, resulting in a **25%** reduction in code defects and a **30%** improvement in development speed
- Drove a **50%** improvement in application scalability and reliability as part of a cross-functional team of **5**, by enhancing system architecture, and optimizing deployment processes, resulting in a downtime reduction and a **15%** increase in user retention for **1000** active users

## PROJECTS

### AI Pantry Web Application 🍷 | JavaScript, NextJS, Firebase, OpenAI API

Jul. 2024 – Aug. 2024

- Developed a responsive pantry management application with NextJS and JavaScript, boosting user engagement by **95%** through efficient item management and real-time updates for dynamic user interaction
- Implemented a feature to generate recipe suggestions based on pantry items, using artificial intelligence, OpenAI API to analyze available items and output related recipes, enhancing user engagement and utility
- Integrated Firebase for secure user authentication, enabling sign-up and sign-in while live-storing users personalized pantry items and their quantities for **40** active users in the database

### ChillChat Messenger Application 🗨️ | JavaScript, ReactJS, NodeJS, Docker, MySQL

Feb. 2023 – Apr. 2023

- Constructed a creative full-stack web application featuring a sign-up system, the ability to request, join, and leave chat rooms, as well as the option to set a limit of members to join a specific chat
- Deployed CORS for secure communication, while using Socket.io for real-time messaging, including a searchable channel directory, offering users to create both private or public channels, reducing back-end processes by **10%**
- Established a MySQL database with over **7 tables**, designed to store user information including user IDs, messages, usernames, emails, encrypted passwords, and channel histories

### Library Management System 📖 | JavaScript, ReactJS, NextJS, AWS

Sept. 2022 – Dec. 2022

- Collaborated in a 5 person team, utilized JavaScript, React.Js, and NextJS for front-end development, paired with TailwindCSS for styling, while making use of Amazon Amplify for a responsive back-end system
- Designed functional features for experiential users, such as adding, removing books from the database, viewing book reservations, late payment fee, and age group filtering, resulting in an estimate of **30%** increase in user satisfaction
- Applied Agile Scrum Methodologies with daily standups and weekly sprint meetings, achieving a **20%** increase in feature delivery speed, enhancing team adaptability and performance against code completion and project goals

## TECHNICAL SKILLS

**Languages:** Python, Java, C#, JavaScript, SQL, HTML/CSS, Bash/Shell Scripting

**Frameworks/Tools:** ReactJS, NodeJS, Docker, MySQL, Firebase, .Net Core, BitBucket, Git, Slack, Agile/Scrum

**Abilities & Interests:** Interpersonal Skills, Communication Skills, Product Management, Project Management