

Abdurraouf Etagiuri

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EDUCATION

University of Saskatchewan

Bachelor of Science in Computer Science

Saskatoon, SK

2025 (Expected)

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

Advanced Innovation Group Pro Excellence

Lean Six Sigma Yellow Belt Certification

AIPGE

Achieved

EXPERIENCE

Headstarter AI

Software Engineer Fellow

Jul. 2024 – Present

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.

Software Developer Intern

Sept. 2023 – Present

Saskatoon, SK

- Optimizing software quality, user satisfaction, and effective Quality Assurance, by developing a Civil Engineering Data Visualization Application using C#, MVVM principles, .NET Core, and DevExpress
- Collaborating on PSISams3D and PSIVisions3D projects, by maintaining end-to-end development in code reviews and peer sessions, resulting in a 10% boost in developer efficiency
- Increasing team productivity by 5% and reduced project completion time while collaborating with a team of 5 to maintain a stable application for 100 users

PROJECTS

To-Do List Mobile Application 📱 | Dart, Flutter

Jul. 2023 – Sept. 2023

- Developed a dynamic and user friendly to-do application using Dart and Flutter, allowing users to organize their daily tasks and responsibilities
- Implemented essential task management features, including adding new tasks, marking tasks as completed, deleting unnecessary items, and searching for specific to-dos, anticipated 15% in user satisfaction
- Integrated a sorting feature within the to-do app, allowing users to effectively categorize and rank tasks based on importance, timeline, and complexity, resulting in an improved optimization of user workflow by an estimated 20%

ChillChat Messenger Application 📱 | JavaScript, React.JS, Node.JS, 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, React.JS, Next.JS, AWS

Sept. 2022 – Dec. 2022

- Collaborated in a 5 person team, utilized JavaScript, React.Js, and Next.JS 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: React.JS, Node.JS, Docker, MySQL, DevExpress, .Net Core, BitBucket, Git, Slack, Agile/Scrum

Abilities & Interests: Communication Skills, Interpersonal Skills, Testing & Debugging, Code Reviews