Kaye Ena Crayzhel Misay

Email: kayeena.misay@gmail.com
Mobile: +1 780-241-0978
Website: kaynzhel.github.io
GitHub: github.com/kaynzhel
LinkedIn: linkedin.com/in/kaye-ena-crayzhel-misay

EDUCATION

BSc with Specialization in Computing Science   Edmonton, AB | Sept. 2019 - April 2024 (expected)
UNIVERSITY OF ALBERTA
Awards: Dean's Honor Roll A.Y. 2019-2022, Jobber Leadership Award, NSERC Undergraduate Student Research Award

WORK EXPERIENCE

Arcurve   Calgary, AB (Remote) | May 2023 - Current
SOFTWARE DEVELOPER INTERN
- Resolves threading issues by enforcing asynchronous patterns and distinct database instances for parallel tasks.
- Optimizes database queries and transactions for a scoring page, resulting in reduced loading times by 90%.
- Implements a financial screen, enabling efficient payout management and real-time financial insights.
- Collaborates with a team of 6 to update existing Windows Forms applications to a website implementation.
- Leads and coordinates a team of 5 with the development of a tech event for students from inception to completion.
- **Utilize**: C#, .NET, Entity Framework Core, MudBlazor, Azure

Clio   Calgary, AB (Remote) | May 2022 - April 2023
SOFTWARE DEVELOPER CO-OP
- Integrated new billing and calendar features in a client portal across 4 applications to improve client experience.
- Spearheaded the development of a robust logic system for bulk bills sharing in a client portal, covering all use cases.
- Contributed to project planning and architecture reviews, conducting thorough performance and risk assessments.
- Implemented highly readable, maintainable, and testable code for front-end, back-end, and mobile development.
- Actively managed and monitored incoming requests and alerts, and promptly resolved reported software flaws.
- Collaborated with a team of 7-9 members to conduct quality assurance measures through testing and code reviews.
- **Utilized**: Ruby on Rails, AngularJS, React Native, TypeScript, GraphQL, HTML, CSS/SCSS, RSpec, Karma, Jest

University of Alberta: Department of Computing Science   Edmonton, AB | May 2021 - Aug. 2021
RESEARCH ASSISTANT, NSERC UNDERGRADUATE STUDENT RESEARCH AWARD
- Established correlation and functional mutation pairs through implication analysis in vital spike protein regions.
- Performed mutation analysis and prediction **experiments** on about 6,500 protein sequences of SARS-CoV-2.
- Collaborated with a team of 5 to conduct data collection and cleaning, data analyses, and manuscript writing.
- **Utilized:** Python, SQLite, Jalview, MAFFT

PROJECTS

CONTROL, SECOND PLACE HACKATHON ↗   JAVA, ANDROID STUDIO, FIREBASE
- A mental health app that lets a user add a profile, denote a mood with a journal entry, and view previous inputs.
- Collaborated with another developer to implement object-oriented concepts through code and database structure.

MOMENTUM ↗   JAVA, JUNIT, ROBOTIUM, ANDROID STUDIO, FIREBASE, GOOGLE API
- A habit tracker app that lets users add habits, include habit events, and allow sharing current progress to others.
- Collaborated with 4 developers to implement application design, code and database structure, and testing.

SKILLS

Languages: Python, Ruby, TypeScript, JavaScript, GraphQL, HTML, CSS/SCSS, SQL, Java, C#
Frameworks: Ruby on Rails, AngularJS, React Native, Next.js, .NET, Entity Framework Core, MudBlazor, RSpec, JUnit
Technologies: Git/Github, SQLite, LaTeX, Markdown, Firebase

EXTRACURRICULAR

Ada's Team, University of Alberta   Edmonton, AB | Sept. 2020 - April 2021
VOLUNTEER STUDENT TUTOR (INTRODUCTION TO THE FOUNDATIONS OF COMPUTATION I AND II)
- Created a positive environment to assist students in acquiring better understanding of introductory concepts.
- Used graphical illustrations and high-level language to be applied in various computing-related settings.