

Khalid Dhieb

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EDUCATION

University of British Columbia

Bachelor of Computer Science

Vancouver, BC

Sep 2020 – Aug 2023

Concordia University

Bachelor of Commerce, Major in Finance

Montreal, QC

Jan 2016 – Dec 2018

EXPERIENCE

Meta (formerly Facebook)

Software Engineer Intern

Sep 2022 – Dec 2022

Menlo Park, CA

- Working on the Facebook Creator and Publisher Experience team

Stripe

Software Engineering Intern

May 2022 – Aug 2022

Toronto, ON

- Drove and scoped the development of a core money movement abstraction which will power the next generation of Stripe's microservice-based payment APIs in production
- Implemented an event-driven cross-service streaming system using an Event Bus and an AWS SQS Queue to consume and produce messages asynchronously
- Ensured production-readiness by developing a custom dashboard for monitoring server activity, and supported code with unit and integration tests

SAP

Agile Developer Intern

Sep 2021 – Apr 2022

Vancouver, BC

- Fixed frontend and backend bugs as part of the Data Acquisition team for the SAP Analytics Cloud platform
- Implemented entire dependency check feature for deleting data sources in the core Connections page
- Automated testing workflows using Cypress saving team 2 hours of manual testing each sprint

PROJECTS

Twitter Clone | React, NodeJS, Express, PostgreSQL, AWS S3, Cognito

Jun 2021 – Jul 2021

- Social media site that allows users to create a profile, write and like posts, and follow other users
- Used React to create dynamic client-side website, using Express to handle API calls to PostgreSQL backend
- Used AWS Cognito for user authentication, an S3 bucket to store display pictures, and Heroku for hosting

Social Event Scheduler | React, NodeJS, Express, Firebase, Google Calendar API

Feb 2021

- React App for keeping in touch with friends by finding common availabilities in schedules
- Used Firebase to handle user authentication and Realtime Database to store friend and time slot data
- Integrated Google Calendar API to allow users to import personal calendars and send event invites

Messenger Chatbot | NodeJS, Express, MongoDB, Messenger API

Jan 2021

- Used Node.js to build an automated Facebook Messenger chatbot to help friends decide on restaurants together
- Integrated Yelp and Radar APIs to fetch venue data, and MongoDB Cloud to store and retrieve session data
- Implemented and trained Wit.ai NLP model to understand and handle requests for directions from user

Volunteering Platform | Python, Django, SQLite

Sep 2020 – Feb 2021

- Django website that allows non-profits to recruit volunteers, allowing users to quickly apply for roles
- Dynamically populated backend user data with Python using Object-Oriented models and SQLite database
- Handled authentication for volunteer and non-profit accounts providing user-based permissions and site layout

SKILLS

Languages: Java, Python, PHP, C/C++, SQL, JavaScript, TypeScript, HTML/CSS, Bash, R

Frameworks: React, Node.js, Express, Django, Bazel, Dagger DI, JUnit, Cypress, Jasmine, GraphQL, MongoDB

Tools: Git, AWS, GCP, Terraform, Docker, Jenkins, IntelliJ, Visual Studio, PyCharm, Postman

Concepts: RESTful APIs, CI/CD, Object Oriented Programming, Data Structures & Algorithms