

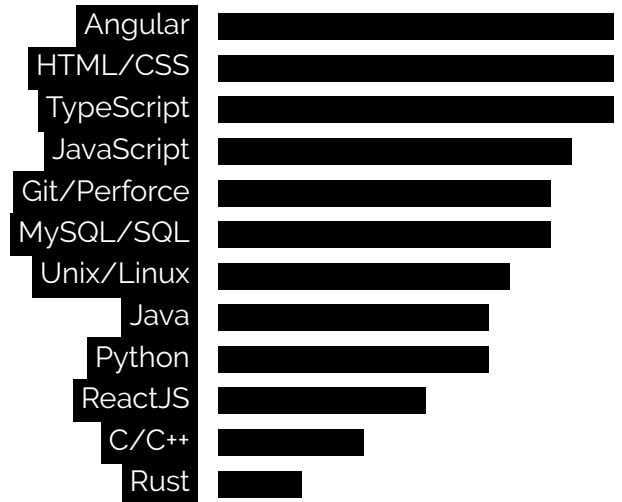
BOGDAN BOBIN

Software Developer

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WHO AM I?

Hello! My name is Bogdan Bobin. I am a Software Developer with over three years of development experience across multiple companies and technical stacks. Worked in teams alongside Senior Developers on big projects as well as independently to launch a custom Python web application that earned me the highest employee recognition award. Integrated into teams effortlessly in person or remotely. Comfortable with release deadlines and working in Agile sprints, with project demos, daily-stand ups and retrospectives. I have a passion for learning new languages, technologies, and experimenting with every new niche that crosses across my radar. Am a force to be reckoned with at table tennis, chess or foosball. I know a little about a lot, and am always happy to chat!



EXPERIENCE

2021-present
Full-time

Software Developer

MioVision

- Contributed to the development, integration and maintenance of a monorepo. Migrated legacy Angular, AngularJS, and Java code to our monorepo, using a TypeScript/Angular frontend and a BFF architecture written using Next.js
- Led a two person hackathon team around fixing a legacy issue blocking users from performing device operations. This fix prevented escalations when a device needs to be swapped through an RMA. Won 3rd place by company vote.
- Spearheaded the integration of Kafka into our BFF layer, enabling real-time video data overlay. We achieved data to video latency of less than 100ms.
- Led the implementation of our user permissions and roles revamp when migrating to the monorepo. Co-ordinated with our backend teams to make sure API and frontend permissions were implemented to their specifications.
- Served as the technical lead and SME, expanding software compatibility for a new controller type, increasing our market reach in regions where this is a requirement to even be considered on the list of vendors available.
- Led interviews and mentored co-ops for our team as part of my duties on the team. Conducted performance reviews, one-on-ones and managerial duties for the co-ops. Empowered co-ops to succeed by choosing their own work and assisting them when needed. Our co-ops increased our sprint velocity.
- Performed on-call duties. Consulted with CSMs and relevant stakeholders to quickly and correctly remedy customer issues. Held post-mortems to ensure we find and diagnose root causes and learn from past mistakes
- Led sprint ceremonies such as daily stand-ups and retros. Organized team building activities such as bowling and virtual board game meetups

TypeScript / Angular / Kafka / Next.js / Java(Spring)

2020
4 Month Coop

Software Developer Co-op

MioVision

- Worked remotely to successfully develop two projects on a team of Senior Developers, QA Analysts, UX Designers and Senior Management .
- Colloborated on a core new project that would allow clients editing capabilities of their traffic plans and as well as a redesign of the existing map UI.
- Developed the implementation of a splits time algorithm for the Timing Plans project. It preforms traffic controller calculations dynamically and efficiently.
- Introduced to AWS cloud services and the methodology behind using products such as Lambdas, EC2, IoT and more.
- Created custom Angular components for user inputs, with a custom validation service

Java(Spring) / TypeScript / Angular/AngularJS / AWS / Git / JIRA

2019
4 Month Coop

Tools Developer Co-op

OpenText

- Employed to assist in the development of an internal web application to track company resources alongside a Senior Software developer.
- Developed .csv conversion of information for data mining, fixed bugs, and added new requested features.
- Restructured their Oracle SQL schema to allow for easier expandability.
- Used async and await patterns in JavaScript while troubleshooting race conditions and hanging calls to the backend

Java(Spring) / Oracle SQL / HTML / JavaScript / Perforce / JIRA

2018 - 2019
2x4 Month Coop

IT Network Services Automation Co-op

The Economical Insurance Group

- Led development on a standalone web application. It's purpose was to communicate with Cisco controllers to allow users to grant guest accounts.
- Earned their highest employee recognition award by saving the org \$30,000.
- Demoed my script to the asset team and a Senior Network Engineer, showing how using the script will save hundreds of tedious work hours.

Python(Flask) / JavaScript / Linux(Red Hat) / MySQL / REST API

2017
2x4 Month Coops

IT Assistant

St. Joseph's Healthcare Hamilton

- Surveyed the hospital's technical readiness for a new system to digitize health-care. This required all campuses to be mapped and graded on readiness.
- Handled hardware deployment and training for hospital units.
- Provided 12 hour go-live support shifts in the month following project launch.

Visio / Training / Project Go-Live

EDUCATION

2016 - 2021

Bachelor's of Applied Science

University of Waterloo

5 Year Co-op Program in Computer Engineering at the University of Waterloo, Class of 2021

LANGUAGES

English - native
Romanian - bilingual
Spanish - intermediate
French - novice

HOBBIES

Music: Guitar, Saxophone
Games: Balatro, Chess
Sports: Soccer, Tennis, Water Polo
TTRPG: D&D, Cairn, Cypher

VOLUNTEERING

2015 Pan American Games
- Stadium Events Host.
Good Shepherd Venture -
Hamilton Food Bank.