# Pronoy Chaudhuri

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## Technical Skills

**Languages:** JavaScript/TypeScript, C/C++, Python, Kotlin, Java, Swift, Bash
**Frameworks:** Angular, React, Bootstrap, Express, Git, R3 Corda, Hyperledger Fabric, Dialogflow
**Services and Tools:** AWS, GCP, Azure, Docker, Node, MongoDB, Postman, Figma, Sketch

## Professional Experience

### Product Manager @ LCBO|next
Kitchener | Sept 2019 - Present

- Led **2** pilot store app launches to promote best validation practices, gaining feedback from **15+** users in the first **36** hours
- **Resolved** lack of data issue swiftly by architecting an **ETL service**, adding **1000+** entries in **2** days from credible sources
- Shepherding **app commercialization** efforts, navigating **U.S. legislation** to eventually bring in **>$650K** of revenue yearly

### Technology Consultant @ Deloitte
Toronto | Jan 2019 - Apr 2019

- Developed business intelligence **API** with **Node**, reducing response time by **5%** through **Promise-based async calls**
- Proposed and built **Dialogflow** chatbot that lets brokers and clients **collaborate** on filings, saving **7%** in costs per claim
- Engineered **Handoff** feature for claims app using **Node and MongoDB**, leading to an **8%** increase in claim submissions
- Redesigned claims app with **Figma** and created interface using **Angular and Bootstrap** to easily iterate in the future
- Tested code efficiently with **Jasmine, Karma, Mocha, and Chai**, covering **99%** of app codebase with **<100** test cases

### Full Stack Developer @ Wawanesa Insurance
Kitchener | May 2018 - Aug 2018

- Developed a flight delay insurance **Corda** blockchain app in **Kotlin**, lowering payout times from **10 days** to **<2 seconds**
- Built a **Fabric** blockchain app in **JavaScript** that lets carriers **share siloed data**, aiding in forecasting **accurate premiums**
- Drafted and delivered **Angular** web interfaces for all apps using **Material Design** practices, resulting in high interactivity
- Introduced **Agile** to team by directing weekly **sprints** and daily **stand-ups**, reducing initial project timelines by up to **15%**

## Leadership Experience

### Director of Technology @ UW Blockchain Club
Waterloo | Sept 2018 - Dec 2018

- Led **7 developers** to build a **blockchain** app to track club event attendance, helping to **quantify event success**
- Fostered connections with **ConsenSys and Algorand** through **effective networking**, increasing members by **500%**
- Collaborated with **Ethereum Waterloo** to host large event, saving **$100+** in overhead while **widening club awareness**

### Director of Sponsorship @ WATonomous
Waterloo | Jan 2018 - Apr 2018

- Formed ties with top technology firms through **high touch communication**, leading to **$15,000+** in free software credits
- Performed a **market analysis** to determine suitable car wrap vendors, ultimately retaining **$5,000+** for the design team
- Leveraged **Trello** to prioritize team tasks, causing **57 out of 60 tasks** to be completed by **10** junior members in **4** months

## Education

### University of Waterloo
Waterloo | Sept 2017 - Apr 2022

Candidate for Bachelor of **Computing and Financial Management** with Minor in **Combinatorics and Optimization**

## Relevant Projects

### Galen
Toronto | May 2019

- Won **"Best Social Hack"** in a MLH hackathon out of **60 teams** by developing an **Angular** app that tackles opioid abuse
- Integrated **Google Vision API** to parse paper prescriptions and send data to **Fabric** blockchain for prescription validation
- Created **greedy algorithm** to suggest injection sites using hospital proximities and past overdose locations as factors