

Pirashan Ravikumaran

University of Waterloo | Chemical Engineering B.ASc 2022

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Skills

Product	Jira, Figma, Agile (Scrum, Kanban), Roadmapping, User Stories
Software	Python, JavaScript, React, HTML/CSS, Redux, VBA, SAP, Salesforce, AWS
Analysis	Power BI, Tableau, SQL, Sisense, Matlab, Minitab, Google Analytics

Experiences

Business Analyst - Business Transition Consulting Group 03/2023 - Present

- Executed lead and analyst roles for an SAP EAM implementation project to provide resource support for utility industry clients
- Pitched a predictive model using Python to estimate time to repair damaged assets
- Led analysis and migration on asset data, including data cleaning, transformation, and validation while managing analysts to run mock loads and data verification/validation cycles

Salesforce Business Analyst — ADI Group 08/2022 - 02/2023

- Deployed Service Cloud from ideation to implementation, including roadmap development, UAT and training of end users
- Designed Visualforce pages using Apex and JavaScript to better handle case creation, decreasing cycle time by 65%
- Created dashboards for KPI tracking using APIs in PowerBI from ProCore data, leading to reduction in average ticket age by 40%

Software Engineer — Shoplogix Inc. 05/2021 - 01/2022

- Performed API queries to extract and organize customer machine data reports for determining OEE patterns, trend analyses, and ROI improvements
- Developed Python script to recreate lost/corrupt XML data for customers, and troubleshooted potential PLC/OPC issues
- Leveraged AWS servers, cloud services, and hardware/software connections to support customers with requests and modifications

Project Manager — Toyota Motor Manufacturing 01/2019 - 04/2019

- Developed a Finite Capacity Schedule in Excel using VBA and Solver to optimize production

Projects

Data for Climate Resilience/Justice - Transition Toronto NPO 08/2023 - present

- Designed and deployed React web app for community users to access tools and stay connected
- Led community engagement efforts to identify user needs and requirements prior to initial MVP
- Analyzed socioeconomic data from TransformTO Net Zero reports to identify opportunities and challenges faced by communities

Spotify 2.0

- Redesigned the spotify web app using Next.js, Spotify API, TailwindCSS, NextAuth, and Recoil to improve upon existing design

Music Production

- Produce original songs and remixes generating over 6 million views on streaming platforms

Education

- Chemical Engineering, B.ASc

Relevant Courses: Data Structures and Algorithms, Object-Oriented Software Development