

PARVATHI KRISHNAN

Engineer. Software Developer.



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pkrishnan99

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SKILLS

Software Development

Agile Methodologies, Data Structures ,
Problem Solving, Prioritization

Languages: Java, C++, C, C#, SQL, Python,
Front-End: HTML5, CSS 3, JavaScript

LEADERSHIP

Developer - Product Vision Club

Maintained website and technical liaison to promote and train future generations of pm interns via education and community

Volunteer- Waterloo Engineering Society

Organized resume critiques, workshops, and mentorship programs for 300+ 1st year students

AWARDS

Outstanding Intern Award- Faire
(2019)

Outstanding Intern Award- Bombardier
(2018)

UW WE Go.Design - 1st Runner Up
Engineering Research/Design Competition

UW President's Scholarship of Distinction
95%+ entrance average

EDUCATION

Computer- Software Engineering
University of Waterloo (2017-Present)

Relevant Courses

Statistics, Logic & Computation,
Combinatorics , Software Engineering
Principles

EXPERIENCE

Faire | Software Developer

FAIRE Jan 2019- May 2019

- Developed and iterated on client facing features for e-commerce website using **React, Typescript** and **Mobx**
- Implemented feature to allow over **3000** brands to ship orders through Faire's interface, resulting in **26,000+** shipping labels created and profit of \$5700+
- Wrote unit tests to ensure code correctness using **Jest** and ensured proper testing throughout code lifetime.
- Conducted thorough and detailed **code reviews** to guarantee code quality and consistency
- Led **scoping** meetings with product, design and engineering to ensure timely feature deployment

Bombardier | Full Stack Developer



May 2018- Sep 2018

- Engaged in requirement gathering, design, development, testing and documentation of web applications used by 5,000+ Bombardier employees
- Developed and maintained a secure and scalable web application using **.net MVC** and **SQL Server** technologies.
- Built powerful and intuitive UI using **Angular** and Kendo UI
- Participated in debugging and troubleshooting existing web solutions, scripts and **SQL** queries
- Automated the generation of intricate reports using **SSIS**, scripting and SQL querying
- Developed and delivered training materials to end users

HomeVyne | Co-Founder, CTO



Aug 2019- Present

- Lead team to **build** a marketplace for seniors to **connect** and share their homes
- Worked with 2 product managers, designer, and marketer to define product strategy and MVP as a lean startup
- Received **\$12.5K** in funding from Velocity, Conrad, and Communitech Accelerators in 4 months
- Interviewed **150+** target users, built use-cases, and used **design sprints** to convert requirements to features

TECHNICAL PROJECTS

Forums (C#, Angular, Typescript)

- Designed and developed a large-scale forum web application for Bombardier Aerospace employees
- Users can ask and answer questions, comment, vote, search, update their profiles all while reaping special points for participation
- Implemented Entity Framework to create a code first Database
- Developed using MVC and RESTful API architecture
- Created user friendly, responsive web pages using Angular and Kendo

Microscopic Image Analysis Tool (Java, ImageMagick)

- Create a tool that analyzes and validates the output of microscopic images of algae growth under various hormonal stressors
- Converts images to greyscale and detects pixels above a certain colour threshold
- Compared output of various image editors to verify test result performance

INTERESTS

Crochet, Volleyball, Psychology, Weightlifting, Linguistics