Fardin Khan

Computer Science • University of Victoria

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Experience

Tzartus Software — *May 2021 - Present*
Software Developer (Part time) — *Remote*
- **Technologies**: JavaScript, React, Material-UI, Electron
- Worked on desktop applications.
- Building front-end applications based on user-derived requirements.

Interface 48 Systems — *February 2021 - May 2021*
Frontend Developer (Full time) — *Vancouver BC, Canada*
- **Technologies**: TypeScript, React, Material-UI, C#, Razor Pages
- Implemented features within JavaScript applications serving as front-end User Interfaces (UI).
- Worked on ASP.NET applications to generate PDF-formatted reports.

Education

University of Victoria — *Graduated: July 2020*
B.Sc Computer Science — *Victoria BC, Canada*
- **Coursework**: Software Development Methods, Data Structures and Algorithms, Database Systems, World Wide Web and Mobile Applications, Object-Oriented Software Development, Data Mining, Operating Systems

Skills

- **Languages**: JavaScript, TypeScript, Python, Java, C#, C, SQL
- **Frameworks/Technologies**: React, Node.js, Express.js, NPM, Git, Linux, Material-UI, Mongoose, VSCode, Balsamiq
- **Databases**: MongoDB, PostgreSQL
- **Markup**: HTML5, CSS3, CSS preprocessor: SCSS/SASS, Web layout models: Flexbox, Grid
- **Data structures** and **algorithms**
- Proficient verbal and written communication skills

Software Projects

Card Trick App
- Developed the app in **TypeScript**, **React**, **React Router** and **Material-UI**. The app figures out the card the user was thinking of.
  GitHub: https://github.com/f2k5/card-trick
  Live app: **https://f2k5.github.io/card-trick**

COVID-19 Tracker App
- Developed the app in **React** and **JavaScript**. The app extracts data from an **API** and displays various stats of COVID-19 cases.
- The app further gives users the **option to search** for the COVID-19 data of **any country**.
  GitHub: https://github.com/f2k5/COVID-19-Tracker
  Live app: **https://f2k5.github.io/COVID-19-Tracker/**

Personal Portfolio
- Built and designed my portfolio using **TypeScript**, **React** and **Material-UI**. It consists of my details and showcases my projects.
  GitHub: https://github.com/f2k5/f2k5.github.io
  Portfolio: **https://f2k5.github.io/**

Time Management Pomodoro App
- Developed the app in **React** and **JavaScript**. The Pomodoro Technique is a time management method, that uses a timer to break work into 25 minute intervals.
  GitHub: https://github.com/f2k5/Pomodoro
  Live app: **https://f2k5.github.io/Pomodoro/**

Text formatter
- Developed a text formatter in **C** and an advanced text formatter in **Python**.
- Wrote a **Python** script to **automate testing** for the advanced text formatter, **reducing testing time significantly**.
  GitHub: https://github.com/f2k5/Software-Development-SENG-265

Number Game
- Developed a game in **JavaScript**, **HTML** & **CSS** that asks a player to guess randomly generated numbers & assigns them a final score.
  GitHub: https://github.com/f2k5/Number-Guessing-Game
  Live game: **https://elastic-goldwasser-7f8b16.netlify.app/**

Password Generator iOS (Mobile) App
- Developed an **iOS app** in **Swift** that generates strong passwords.
  GitHub: https://github.com/f2k5/Password-Generator

Volunteer Experience

University of Victoria — *January 2020 - April 2020*
Course representative for CSC 361 — *Victoria BC, Canada*
- Took feedback from students via email or in person.
- Provided feedback to the course instructor.
- Attended meetings with the instructor and TA's to improve the course and lab experience.