Yan Shi

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FULL STACK SOFTWARE ENGINEER

I'm a bilingual full-stack developer with experience building and maintaining web applications. I have a strong foundation in front-end and back-end technologies. I'm skilled at implementing responsive designs and ensuring a seamless user experience across devices. I'm excited to bring my skills and expertise to your team and help build innovative solutions.

TECHNICAL & INTERPERSONAL SKILLS

Languages: Java, C++, Python, Typescript, JavaScript, HTML5, CSS3, SQL, JSON, EJS.
Libraries and Frameworks: React.js, Express.js, Bootstrap, Node.js.
Databases and others: PostgreSQL, MongoDB, RESTful Routing, JSON API, OAuth 2.0, Git, Netlify, Fly.io, Postman
Interpersonal skills: Collaboration, Problem-solving, Adaptability, Bilingual (English, Mandarin)

TECHNICAL PROJECTS

BusBuddy- GitHub | Deploy Link | TypeScript, CSS, Bootstrap, React.js, Express.js, Node.js, PostgreSQL
A real-time bus schedule lookup & tracking app
- Integrated Translink API to enable users to search bus stop schedules, improving the user experience and providing real-time updates.
- Leveraged the power of React.js to create a responsive user interface, enhancing usability and accessibility.

FreshStart - GitHub | Deploy Link | JavaScript, CSS, MongoDB, React.js, Express.js, Node.js
A web app that connects wellness creators with people on or starting a new wellness journey.
- Collaborated with two remote engineers to develop a MERN stack web app that allows users to follow content creators.
- Utilized effective communication with back-end engineers to retrieve queried data from the database and handle async RESTful API calls.

GPTracker - GitHub | Deploy Link | HTML, CSS, JavaScript, Bootstrap, MongoDB, Node.js, EJS,Express.js
GPTracker app allows you to easily log and track fuel purchases, helping you stay on top of fuel costs and expenses.
- Guest features include checking recorded transactions by registered users and reviews of local gas stations.
- Registered user features include uploading transactions, adding local gas stations, submitting reviews of the stations, and keeping track of fuel efficiencies.

Emo Sweeper - GitHub | Deploy Link | HTML, CSS, JavaScript
Emo Sweeper is a mobile-first designed and simpler version of the classic Minesweeper game inspired by Microsoft Minesweeper.
- Implemented the Floodfill algorithm in JavaScript to detect and reveal empty grids.
- Incorporated sound effects to enhance user interactivity and immersion.

EXPERIENCE

Best Built-In Security, Security Systems Technician   *Vancouver, BC, 12/2020 - 3/2022*
- Installed and repaired intrusion/burglar alarms, CCTV systems, structured cabling, Audio-Video, networking, and set up systems for recursive payments.

Fusion Security, Security Guard   *Burnaby, BC, 5/2019 - 7/2019*
- Provided professional security services, including patrol and access control, as an on-call security guard.

Shopperplus, Warehouse Associate   *Richmond, BC, 11/2017 - 4/2019*
- Picked and packed online orders, managed inventory, and assisted drop-in customers.

EDUCATION

General Assembly   *Remote, Certificate: 03/2023*
Full-stack software engineering 420+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

University of the People, Bachelor's Degree of Computer Science   *Remote, Degree Expected: 09/2027*

Langara College, Associate of Science   *Vancouver, BC, Graduated: 2017*