Seungjae Baek

https://sjbportfolio.com

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Skills

- **Frontend Development:** Proficient in HTML, CSS, JavaScript, and C#

- **Framework:** .NET Core, ASP.NET Razor Pages, React, Node.js, Express, Docker

- **Concepts:** REST APIs, Microservices, MVVM, Agile, Web Scraping

- **Languages:** C#, JavaScript, Python, Java, SQL, Go, TypeScript, C

- **Database:** MS SQL, MongoDB, MySQL, PostgreSQL

- **Tools & Platforms:** Visual Studio / Code, Git, Azure, AWS, Google Cloud Run, Firebase, DigitalOcean

Education

British Columbia Institute of Technology
2023 January – 2024 December
Computer Systems Technology, Diploma

Projects

Portfolio Website
https://sjbportfolio.com | HTML, CSS, JavaScript
- Designed and developed a personal portfolio website to showcase technical skills and projects in a responsive, user-friendly interface
- Implemented smooth animations and interactive UI elements to enhance user engagement and navigation

SnowScraper
https://snowscraper-7b189.web.app | HTML, CSS, JavaScript, Python, Selenium, Docker, Google Cloud Run, Firebase
- Collaborated in a team of 3 to build a web app that scrapes and compares prices of winter products across multiple e-commerce platforms
- Used Selenium to automate product data scraping
- Containerized Python script with Docker and deployed via Google Cloud Run

ArtificialGains
https://youtu.be/2NQdpDmuq1E | React.js, Node.js, Express, MongoDB, Python, Docker
- Developed an AI-powered fitness and diet assistant using OpenAI's GPT API to generate personalized workout and meal plans
- Developed the entire frontend in React, designing mock-ups in Adobe Photoshop and iterating on UI/UX based on team and user feedback
- Integrated backend services via Node.js and Express, with Python scripts for specialized data processing tasks such as classifying food from user submitted meal photos
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AethersJournal
| ASP.NET Core, Razor Pages, WebAPI, Microservices, Azure
- Designed communication flow between microservices and implemented journaling features powered by an AI "therapist"
- Developed secure, scalable backend using ASP.NET WebAPI and MongoDB, deployed via Microsoft Azure
- Used Figma for UI prototyping