**Steven (Duc) Bui**

**Melbourne | 0450 459 456 |** [**steven.bui0810@gmail.com**](mailto:steven.bui0810@gmail.com) | [**linkedin.com/in/stevenbui4**](http://linkedin.com/in/stevenbui4/) **|** [**stevenbui.vercel.app**](https://stevenbui.vercel.app/)

Passionate, Team-player, and Adaptable **Software Engineer** graduating with a BSc in Computing and Software Systems from University of Melbourne. Experienced in building scalable, responsive applications using **React, Next.js, Firebase, and OpenAI API**. Strong foundation in algorithms, data structures, and object-oriented programming. Eager to contribute to world-class and innovative tech project

**EDUCATION**

**Bachelor of Science in Computing and Software Systems** | University of Melbourne *(2022–2025)*

**TECHNICAL SKILLS**

* **Languages**: Python, Java, JavaScript, TypeScript, C++, C#, SQL, Unity
* **Web Development**: React, Next.js, Node.js, TailWindCSS, HTML, CSS
* **Data Management**: Firebase Firestore, SQL, NoSQL databases
* **Tools**: Git, Agile Methodologies, Jupyter Notebook, SciKit, Pandas
* **AI/ML**: Generative AI (text-to-image, image-to-image), Radiance Fields, NeRF, OpenAI API

**EXPERIENCE**

**Technology Mentor | Digimaker, Melbourne (02/2023 - Present)**

* Conducted weekly coding lectures to over **200 students** across Melbourne, teaching **6 programming languages**: **Scratch, Small Basic, Python, JavaScript, C, and Java.**
* Fostered a productive learning environment, **increasing student engagement and satisfaction by 50%** through tailored materials and interactive sessions.

**PROJECTS / OPEN-SOURCE**

**Books Store Collaborative Recommender System** *(Jun 2024 -* ***Elements of Data Processing****)* | [GitHub Link](https://github.com/buianhduc/Book-store-recommender-system)

* Developed a recommendation system using **Collaborative Filtering** with **Matrix Factorization.**
* Utilized **SciKit, Pandas,** and **Python** for data cleaning and visualization, achieving a 75% accuracy rate.

**Meetix – A Friend-Making Website Through Events** *(Aug 2024 -* ***FoundersHack Hackathon****)* | [GitHub Link](https://github.com/edwnl/founders-hack-2024)

* Built a platform for event ticketing and attendee matchmaking using **Firebase Firestore** for real-time data management.
* Implemented a matchmaking algorithm and integrated real-time messaging to connect users with similar interests.
* Developed a responsive, user-friendly interface with **Next.js, React**, and **TailwindCSS** for a seamless user experience.

**Medical Pantry – Image Recognizer and Inventory Manager for Medical Products** *(Aug 2024 -* ***IT Capstone Project****) |* [GitHub Link](https://github.com/buianhduc/medicalPantry)

* Managed the project using the **AGILE methodology**, **increasing productivity by 75%.**
* Built a responsive interface with **Next.js, React**, and **TailwindCSS**.
* Integrated **OpenAI API** for image recognition, achieving 80% accuracy in categorizing medical products.
* Utilized **Firebase Firestore** for efficient NoSQL data management and scaling.

**INVOLVEMENT**

**Web Design and Development Manager | AzureAms Programming Club,** Hanoi *(05/2020 - 01/2021)*

* Led a team in the development of websites using **React**, improving user engagement by 15%.
* Implemented a training program for over 15 new members on **React** and **Git**.

**FoundersHack**, Melbourne (08/2024)

Participated in 72-hour hackathon focused on brainstorming start-up to create solutions using Artificial Intelligence

* Developed a full-stack web application using NextJS, TailwindCSS, and AntD to connect people via social events
* Collaborated with a team of 5 people to design, develop, and create presentation for the product

**LANGUAGES**

* **English:** Full Professional Proficiency
* **Vietnamese:** Native

**REFERENCE**

**Tassneem Poonawala |** Program Manager at Digimaker, Melbourne - info@digimaker.com.au