

Dachen Xuan

Software Engineer

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[linkedin](#)

[github](#)

[portfolio](#)

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, SQL, TypeScript, JSON, EJS, Sass

Frameworks and Libraries: React, Express.js, Django, jQuery, Bootstrap

Databases and Other Technologies: PostgreSQL, MongoDB, RESTful APIs, JSON APIs, AWS, Firebase

SOFTWARE PROJECTS

Snake Game (<https://0812sean.github.io/Snake-Game/>)

Jun 2024

- Developed a responsive, dynamic Snake game with HTML, CSS, and JavaScript.
- Implemented start, pause, and resume features with smooth keyboard controls, sound effects, and fluid animations.

Nail Art Gallery (<https://nail-art-gallery-app-ba812d622aee.herokuapp.com/>)

July 2024

- Built a full-stack application using Node.js, Express, and MongoDB for managing and categorizing nail art designs.
- Enabled secure image uploads with Multer and used EJS templating for dynamic page rendering.

BookNest (<https://booknest-78163836fb53.herokuapp.com/>)

Sep 2024

- Created a Django-based platform with AWS S3 integration for secure image uploads and storage.
- Developed a responsive UI supporting book categorization, ratings, and user authentication with full CRUD functionality.

EXPERIENCE

Customized Sudoku Game Developer (<https://sudorku-96c3a.web.app/>)

Oct 2024 – Oct 2024

- Designed and developed a custom Sudoku game in React and Firebase, implementing adjustable difficulty levels, hints, undo features, and a competitive leaderboard.
- Delivered a user-friendly, whimsical interface that exceeded client expectations, blending aesthetics with advanced functionality.

Manicurist

Aug 2021 - May 2024

- Developed problem-solving skills and high attention to detail through design work.
- Adapted quickly to new techniques, maintaining a strong learning mindset and time management.
- Translated creativity and precision into transferable skills valuable for software development.

EDUCATION

GENERAL ASSEMBLY | REMOTE

Software Engineering Immersive

Jun 2024 - Sep 2024

- Completed a 500+ hour program focused on full-stack development, MVC frameworks, data modeling, and team collaboration. Developed a portfolio of individual and team-based projects, emphasizing product development fundamentals and object-oriented programming.

Bachelor's Degree in E-Commerce

Sep 2012 - Apr 2015

- Guangxi University of Finance and Economics