

Dachen Xuan

Software Engineer

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[linkedin](#)

[github](#)

[portfolio](#)

Objective

Motivated software engineer with expertise in full-stack development and a strong foundation in object-oriented programming and MVC frameworks. Eager to leverage hands-on project experience and technical skills to contribute effectively in a dynamic team environment and build impactful applications.

TECHNICAL SKILLS

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

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 Snake game using HTML, CSS, and JavaScript. Features include start/pause functionality, sound effects, and dynamic backgrounds. Enhanced user experience with optimized gameplay mechanics, resulting in a 30% increase in engagement.

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

July 2024

Created a Node.js application for uploading and managing nail art designs with Express, MongoDB, and Multer. Integrated user authentication, design categorization, and sessions to personalize user experience. Future updates include profile customization and a design rating system.

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

Sep 2024

Developed a full-stack Django app with AWS S3 for image uploads, CRUD functionality, and a responsive UI. Implemented book categorization and a rating system, enhancing user engagement by 25%.

EXPERIENCE

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

Oct 2024 – Oct 2024

Independently designed and developed a unique, client-commissioned Sudoku game using React and Firebase. Implemented adjustable difficulty levels, interactive hints, undo features, and a leaderboard for competitive tracking. Created a user-centric, whimsical interface that exceeded client expectations for aesthetics and functionality.

Manicurist

Aug 2021 - May 2024

Built precision, creativity, and time management skills by adapting to new techniques and maintaining a detailed schedule—abilities directly transferable to 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