Dachen Xuan

Software Engineer

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linkedin   github   portfolio

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, Mongo, JSON, Typescript, EJS,
Libraries and Frameworks: React, Express.js, Django, Jquery, Bootstrap,
Databases and other: PostgreSQL, MongoDB, RESTful Routing, JSON API, AWS, Firebass

SOFTWARE PROJECTS

Snake Game (https://0812sean.github.io/Snake-Game/)   **Jun 2024**
Developed a responsive Snake game with HTML, CSS, and JavaScript, including start/pause functionality, arrow-key controls, sound effects, and dynamic backgrounds. Improved gameplay by optimizing speed and movement.

Nail Art Gallery (https://nail-art-gallery-app-ba812d622aee.herokuapp.com/)   **July 2024**
Built a Node.js app for uploading and managing nail art designs with Express, MongoDB, and Multer. Added user authentication, design categorization, and sessions for a personalized experience. Planned 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 integration for book cover uploads, CRUD functionality, and a responsive UI. Features include book categorization, a rating system, and user authentication.

EXPERIENCE

Customized Sudoku Game Developer (https://sudorku-96c3a.web.app/)   **Oct 2021 – Oct 2024**
Commissioned to design an engaging, themed Sudoku game using React and Firebase. Created customizable difficulty levels, leaderboards, and interactive elements like hints and animations, providing a unique and whimsical gaming experience for clients.

Manicurist   **Aug 2021 - May 2024**
- Developed precision, creativity, and time management, skills transferable to software development.
- Maintained schedules and adapted to new techniques with a focus on detail.

EDUCATION

GENERAL ASSEMBLY | REMOTE
Software Engineering Immersive   **Jun 2024 - Sep 2024**
Full-stack software engineering immersive student in an intensive, 12-week, 500+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Guangxi University of Finance and Economics   **Sep 2012 - Apr 2015**
Bachelor's Degree E-Commerce