Kasra Bakht

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Education

University of Washington, Seattle, WA   April 2025-Expected Jun 2027
B.S. in Computer Science
Relevant Coursework: The Hardware/Software Interface, Data Structure and Parallelism, System and Software Tools

Projects

CalmVoice AI   Oct 2025–Present
Tech: React (Vite), Express.js, WebSocket, Node.js, OpenAI Whisper, GPT-5o, Alloy TTS, CSS
- Built CalmVoice AI to help users manage stress and improve mental clarity by offering soothing, conversational AI interactions that adapt to emotional tone and promote mindfulness.
- Developed an AI-powered voice assistant web app enabling real-time, two-way voice conversation between users and the AI.
- Integrated OpenAI Whisper for accurate speech-to-text, GPT-4o for contextual reasoning and dialogue generation, and Alloy TTS for lifelike voice output.
- Designed a full-stack WebSocket architecture supporting low-latency audio streaming and continuous, event-based communication.
- Built an intuitive React interface with microphone controls, conversation history, and dynamic system status for smooth user interaction.

Personal Finance Tracker   July 2025–September 2025
Tech: React (Vite), React Router, Context API, Node/Express, REST,MongoDB/Mongoose, JS, CSS
- Built a personal finance app that lets users sign in, add expenses (amount, category, payment method, date), with inline **click-to-edit** cells and a per-row **Delete** button, and see them on a simple dashboard.
- Implemented a secure authentication system with full Sign-Up and Login functionality. The Sign-Up flow registers new users by validating input, hashing passwords, and storing user credentials in MongoDB. The Login flow verifies credentials against the database and returns a JWT token for authorized access.
- Built a Node/Express server and a Mongoose model that save new records to MongoDB Atlas and return results as JSON.

Word Guessing Game   Jun 2025- July 2025
Tech: JavaScript, HTML, CSS
- Built an interactive word guessing game with dynamic word generation and real-time feedback.
- Implemented per-letter input validation with color-coded responses for correct and incorrect guesses.
- Added a limited-attempts system with message display for game status and remaining chances.

Experience

Whole Foods Market, Kirkland, WA
Grocery Team Trainer/Supervisor   **Apr 2023 – September 2025**

- Trained and onboarded **15+ new team members** on safety rules, store policies, and stocking procedures, ensuring they fully understood and followed processes.
- Supported team members in learning new skills and tasks by providing guidance and answering their questions to support their development.
- Led monthly training sessions and team meetings focused on safety and skill development.
- Assisted with scheduling, supervising shifts, and delegating tasks as needed.
- Prepared monthly training reports and maintained **100% on-time completion** of all required trainings, with no overdue sessions across the team.
- Recognized as **Team Member of the Year** (2023)

Technical Skills

Languages:	Java, Python, C, HTML, CSS, JavaScript
Libraries/Frameworks:	React,Node.js,REST,WebSocke
Tools:	Git, GitHub, Linux (command line, shell scripting)