JEFFREY MICHAEL PRESS

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TECHNICAL SUMMARY Pursuing a career change into tech, with a focus on backend development, procedural generation, and process automation. Experienced in database design, probabilistic content generation, and implementing automated workflows. Proven track record of learning new technologies and delivering efficient solutions.

TECHNICAL SKILLS

- Languages: JavaScript, some basic Python
- Backend: Node.js, Express, RESTful API Design, Handlebars
- Databases: PostgreSQL
- DevOps: Git, Bash/Shell, familiarity with Docker and Docker-compose
- Frontend: HTML/CSS

PROFESSIONAL EXPERIENCE

Software Developer & Owner | Goose Nest Holdings | Portland, OR | 3/2023-Present

- Architected and implemented an automated content generation pipeline using Node.js and Express
- Built successful social media presence achieving 40K+ followers and generating $20K+ in related subscription revenue
- Integrated self-hosted Stable Diffusion and Ollama APIs into the content pipeline
- Developed PostgreSQL database schema for content management and scheduling
- Designed and implemented RESTful API for database operations
- Implemented a simple deployment workflow using Git

TECHNICAL PROJECTS

- Content Generation Pipeline: Built end-to-end system for procedurally generating and scheduling social media content
- API Integration Framework: Developed modular system for integrating multiple AI services
- Content Fragment Database: Designed schema for storing content fragments and implementing weighted randomization for procedural generation

EDUCATION

BS in Computer Science | The University of Iowa | Iowa City, IA

- Relevant coursework: Data Structures, Algorithms, Database Systems
- Programming fundamentals and software engineering principles

Technical Certifications & Training

- Completed Codecademy's Back-end Engineer Career Path (100%)
- Continuing education in machine learning and DevOps practices

MA in Linguistics | The University of Iowa | Iowa City, IA

- Focus in Phonological Analysis
- Research and analytical methods

LEADERSHIP EXPERIENCE

Various Roles | New Seasons Market | Portland, OR | 2013-Present

- Advanced from Baker to Department Manager (2013-2017), then returned to Baker role
- Department Manager responsibilities included leading teams of 3-14 people and developing systems for improved productivity
- Implemented new operational processes that were adopted company-wide
- Participated in innovation task forces and defined company profit share program
- Completed Leadership Learning Program and Supervisory Series training

General Manager | Sweetpea Baking Company | Portland, OR | 2008-2013

- Managed combined wholesale and retail operations
- Coordinated workforce of 12-20 people
- Developed and implemented operational systems and processes

ADDITIONAL SKILLS

- Strong analytical and problem-solving abilities
- Experience in process optimization and automation
- Team leadership and project management
- Technical documentation and training
- Cross-functional team collaboration