Grant Pennington

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Summary

Full-Stack Software Engineer with 3+ years of experience building modern, scalable web applications with the MERN stack. Passionate about clean code, performance, and building tools that solve real-world problems. Strong communicator and quick learner with a drive for continuous improvement.

Technical Skills

JavaScript (ES6+), Python, React, Node.js, Express, MongoDB, Firebase, Git, GitHub, REST APIs, OpenAI API, Spotify API, Material UI, Chakra UI

Projects

Smart Summarizer

React, Node.js, OpenAI API, MUI
Summarizes text and file uploads using OpenAI API with session history tracking and clean UI.

Code Converter

React, Node.js, MUI
Translates form definitions across UI libraries with live previewing and abstraction layer.

Call Log Manager

React, Node.js, MongoDB
Replaced manual logging for property management company with searchable call log web app.

MusicMe – AI Playlist Generator

Capstone | React, Node.js, Spotify API
Generated playlists using Spotify API and custom algorithm based on input mood and content.

Experience

Software Engineer | Bailey Property Management

Jul 2023 – Jul 2025 | Louisville, KY
- Built and maintained internal tools using MERN stack.

- Worked directly with stakeholders to improve workflows.
- Built responsive UIs with Material UI and Chakra UI.

Software Engineering Intern | MXD Process

May 2020 – Aug 2020 | Jeffersonville, IN

- Built frontend features in HTML, CSS, and React.
- Integrated business logic in backend.
- Used Git and participated in agile meetings.

Education

Bellarmine University | Bachelor of Arts in Computer Science

May 2023

GenCyber Program, Eureka Mentor, Club Soccer