Kyle Pierre Smith

pierre.coding@gmail.com

PROFESSIONAL SUMMARY

Software engineering student with hands-on experience building full-stack web applications using JavaScript, Node.js, and MongoDB through capstone and personal projects. Strong foundation in backend development, authentication, and data modeling, with an emphasis on clean, maintainable code. Seeking a software engineering internship where I can contribute to real-world systems and continue growing as an engineer.

EDUCATION

Bachelor of Science in Computer Science   **Expected December 2026**
Arizona State University   Tempe, AZ

Associate in Science in Computer Science   **May 2024**
South Mountain Community College   Location

WORK EXPERIENCE

Software Engineering Capstone Developer   **January 2026 – Present**
Arizona State University – ConnectiveNet Capstone Project   Tempe, AZ

- Designed and implemented backend systems and application architecture for a team-based professional networking platform
- Collaborated within a Scrum-based Agile workflow, participating in sprint planning, stand-ups, and regular team meetings

PROJECTS

RedCard API | Python, FastAPI   **January 2026 – Present**

- Built a backend API to generate multilingual "Know Your Rights" PDF cards from structured JSON input
- Designed a modular PDF rendering system supporting multiple languages, including right-to-left text handling
- Implemented font fallback logic to support diverse writing systems while minimizing memory usage
- Mention cases where you presented work or collaborated, showing communication and teamwork skills

Marketplace Cart | Node.js, MongoDB, JavaScript   **March 2025 – Present**

- Created a web app to organize and track online marketplace listings across user-defined categories
- Designed relational data models supporting shared lists and item ownership constraints
- Implemented availability tracking and UI patterns inspired by playlist-style layouts
- Emphasized clean backend logic and extensible data structures

AZ Musician Finder| Node.js, Express, MongoDB, EJS, Cloudinary   **January 2025 – Present**

- Developed a full-stack platform enabling musicians to create profiles, upload media, and connect with other artists
- Designed scalable MongoDB schemas for users, musicians, flyers, songs, comments, and reports
- Implemented authentication, role-based access, media uploads, and moderation features
- Built dynamic frontend views and optimized backend queries for performance and maintainability

Kyle Pierre Smith

pierre.coding@gmail.com

TECHNICAL SKILLS

Languages | JavaScript, C#, C++,Java, Python,
Frameworks | Express.js, React
Backend & Databases | Node.js, MongoDB CSV
Developer Tools | Git, Visual Studio Code