HUNTER M. SHAW

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EXPERIENCE

Crown Castle   July 2022 - Present
Software Engineer

- Develops full-stack web applications using JavaScript, React, Python, and Next.js, enabling real-time data analysis to optimize infrastructure usage and generate revenue.
- Creates and maintains GIS Web Apps utilizing Python scripting for automated data processing, driving data-driven decisions and operational efficiency.
- Designs customized sales pipeline applications in React to streamline operations, increasing sales volume while minimizing reliance on external vendors.
- Deploys scalable applications on AWS (EC2, S3, RDS) with automated CI/CD pipelines; implemented features with a focus on strong feature ownership.
- Utilizes agile methodologies to rapidly deliver web applications and advocates for best practices within the team.

Professional Portfolio (huntershaw.dev)   August 2025 - Present
Fullstack Engineer

- Designed and developed a modern, responsive professional portfolio using Next.js, employing advanced CSS techniques, conic gradients, and complex animations.
- Created a secure email contact system using Base64 encoding to prevent bot scraping, demonstrating security best practices.
- Established a comprehensive Docker/Podman workflow for efficient application packaging and deployment.
- Optimized performance through Next.js features and built a responsive design adaptable across mobile and desktop devices.

TECHNICAL SKILLS

Languages & DBs: JavaScript, Python, PL/SQL, PostgreSQL/RDBS, HTML/CSS
Frameworks: React, Next.js, Express, FastAPI, Web Design, SEO
Cloud & DevOps: AWS (EC2, S3, RDS), Docker, Digital Ocean, CI/CD, Linux/Unix, Git
Tools/Methods: REST APIs, GIS, ADO/Jira, Agile, Feature Ownership

EDUCATION

University of Pittsburgh   Aug 2018 - June 2022
Bachelor of Science in Computer Science

CERTIFICATIONS

Certified Associate in Python Programming (PCAP)