

COREY SHAMBURGER

Application Developer | Software Developer | Early-Career Software Engineer

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PROFESSIONAL SUMMARY

Software Development student specializing in Application Development with hands-on experience building full-stack applications, backend services, REST APIs, databases, and automation tools. Experienced with Python, PHP, JavaScript, SQL, Git/GitHub, application troubleshooting, and technical systems. U.S. Army veteran with 10 years of computer-operations, network, troubleshooting, technical training, and team-leadership experience.

TECHNICAL SKILLS

Languages: Python, PHP, JavaScript, SQL, HTML5, CSS3

Application/Web: Flask, React, Next.js, Vite, jQuery, REST APIs, MVC, CRUD

Data: MySQL, PostgreSQL, SQLite, Prisma ORM

Tools: Git, GitHub, Docker, Postman, VS Code, NetBeans, XAMPP, phpMyAdmin

Concepts: OOP, data structures, relational databases, API integration, debugging, troubleshooting

SELECTED SOFTWARE PROJECTS

OPERRA — Developer Infrastructure / SaaS API Platform Independent

- Developing a multi-tenant backend platform with organization management, API keys, usage tracking, billing workflows, and developer-facing services.
- Using TypeScript, PostgreSQL, Prisma, Redis, Docker, and REST APIs to implement production-oriented backend architecture.

3D PrintVault — Digital Fabrication Asset & Workflow Manager Independent

- Building a desktop application for organizing 3D-printing assets and workflows with Tauri, Vite, React, and TypeScript.
- Implemented backend licensing workflows for activation, validation, and deactivation and integrated application data processes.

ITSM Ticketing System Independent

- Built a Python/Flask IT service-management application with authentication, ticket workflows, automated triage, and database-backed functionality using SQLite/SQLAlchemy.

EDUCATION & PROFESSIONAL DEVELOPMENT

California Institute of Applied Technology (CIAT) — San Diego, CA Expected Sep 2029

*Applied Bachelor's Degree in Software Development —
Application Development Concentration*

Relevant Coursework: Python Fundamentals; Object-Oriented Data Structures Using Python; HTML/CSS/JavaScript & jQuery; Web Applications with PHP & MySQL

Professional Development: Version Control using Git and GitHub (Great Learning, 2026); End-to-End Full-Stack Web Development (Great Learning, 2025)

TECHNICAL & LEADERSHIP EXPERIENCE

United States Army — Sergeant (E-5) Aug 2002 – Jul 2012

*13D Advanced Field Artillery Tactical Data System Specialist /
Computer Operator*

- Operated and maintained AFATDS and managed digital communications and LAN connectivity within Fire Direction Center operations.
- Troubleshoot computer systems, communications, and network connectivity issues affecting tactical systems and operational workflows.
- Supervised 6–8 soldiers and served as a TRADOC instructor, training approximately 40–50 Army officers per month on technical and operational procedures.

Pep Boys — Assistant Store Manager Mar 2025 – Aug 2025

- Coordinated daily operations, supervised staff, resolved escalated customer issues, and maintained workflow, inventory, cash-control, and safety requirements.

NAPA Auto Parts — Store Manager Mar 2023 – Mar 2025

- Managed daily store operations and a team of 6 employees, including scheduling, workload planning, inventory, customer issue resolution, and sales-performance monitoring.