

Antonio Archer

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SUMMARY

I'm a Software Developer based in Philadelphia with a passion for technology that runs deep and wide. A fast learner and highly motivated self-starter, I've built over 15 full-stack projects and delivered custom software solutions to real business clients. My skill set extends beyond coding — I bring hands-on experience in system administration, Linux environments, and DevOps practices, giving me a strong foundation in both development and infrastructure.

KEY COMPETENCIES

Technical Expertise

- Full-Stack Web Development (**MERN, Next.js, React, Flask, SEO**)
- System Administration (**Linux, AWS, Digital Ocean**)
- Database Management (**PostgreSQL, MySQL, Redis, Mongo**)
- Server Deployment & Network Management (**DevOps, Docker, VPS**)
- AI Engineering & Integration (**Self-hosted LLMs, Vector DBs, Agentic Models, Prompt Engineering, APIs, MCPs**)
- Version Control & Collaboration (**Git, GitHub**)

Soft Skills & Leadership

- Mentorship & Team Leadership
- Problem-Solving & Critical Thinking
- Creativity & Innovation
- Adaptability in Fast-Paced Environments
- Effective Communication & Collaboration

PROFESSIONAL EXPERIENCE

Launchpad Philly — Technical Mentor & Full-Stack Developer

Tech Stack: MongoDB, Express.js, Node.js, GitHub, Docker, Redhat Linux, Python, Typescript

- Mentored 90+ students in software engineering fundamentals, Linux, and project-based development
- Led full-stack web projects using the MERN stack with integrated DevOps pipelines
- Analyzed cohort performance data to improve learning strategies and drive better outcomes

Accenture — Intern Consultant (Cybersecurity & Business Strategy)

Tech Stack: Excel, Power Point, Microsoft Teams

- Researched password vulnerabilities and proposed security improvements for enterprise systems
- Led a team designing a cybersecurity strategy for a 85,000-employee company
- Presented actionable recommendations and risk assessments to executive leadership

Belmont Charter Network — Student Network Administrator

Tech Stack: Windows Server, Active Directory, PXE Boot, Ubuntu, Bash,

- Managed district-wide servers supporting network operations across five schools
- Imaged and deployed operating systems on 1,500+ student and staff devices
- Assisted with system administration, network security, and hardware/software support

Projects

Philly Social — <https://phillysocial.adarcher.app/>

Tech Stack: Next.js, TypeScript, Firebase, TailwindCSS, Redis

- Built a social platform for Philadelphia residents to connect, share, and engage in real time
- Implemented user authentication, post interactions, and real-time chat with Firebase backend
- Led front-end development, prioritizing responsive design and accessibility for a diverse user base

Orange Field University — <https://uof.adarcher.app/>

Tech Stack: Next.js, TypeScript, PostgreSQL, TailwindCSS

- Built a full-featured course management system and student portal for university operations
- Streamlined administrative workflows and improved the student experience
- Integrated PostgreSQL backend for scalable, secure data handling

Timewise & Mood Tracker — <https://timewise.adarcher.app/>

Tech Stack: Next.js, Firebase, Spotify SDK, TailwindCSS

- Developed a time management and wellness app with pomodoro timers, mood tracking, and guided meditation
- Integrated Spotify SDK for curated productivity playlists and user engagement
- Designed a cozy, minimal UI with smooth state management and real-time Firebase sync

EDUCATION, CERTIFICATIONS & ACCREDITATIONS

Certified Entry-Level Python Programmer

- The Python Institute - 2024

Academy Accreditation in Generative AI

- Databricks - 2024

React JS Certification

- Codecademy -2025

BELMONT CHARTER HIGH SCHOOL

PHILADELPHIA, PA | AUG 2020 – JUNE 2024

- RANKED 1ST OUT OF 75 SENIORS WITH A 3.9 GPA.
- MEMBER OF THE NATIONAL HONOR SOCIETY, CONTRIBUTING TO COMMUNITY SERVICE AND ACADEMIC EXCELLENCE.