Collin Burleigh

Software Engineer | Full-Stack Developer | Backend Developer

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PROFESSIONAL SUMMARY

Technical professional experienced in designing, developing, and maintaining SaaS and desktop applications. Skilled in developing scalable applications, building robust APIs, and optimizing performance across back-end, front-end, and cloud environments. Experienced collaborating with clients and internal teams to deliver high-quality software. Strong communicator adept at improving workflows, increasing efficiency, and providing clear guidance to non-technical users.

CORE SKILLS

Python, Flask, JavaScript, ReactJS, SQL, HTML/CSS, Tailwind, Electron, PostgreSQL, SQLite, AWS (IAM, S3, SES, Rekognition), Git, Jira, Auth0, Stripe API, OpenAI API, PyTest, Jest, API Development, Troubleshooting, API Integrations, Customer Communication, Onboarding, Documentation, Process Optimization, Cross-Functional Collaboration

PROJECTS

• AutoSortPro – Built Electron + FastAPI + React + PostgreSQL app that auto-labels and organizes files with AI-generated context; integrated Auth0, OpenAI API, Stripe API, AWS S3 & SES.

• M2 InstaCount – Developed Python + Flask + React + PostgreSQL SaaS for Magento 2 inventory; improved efficiency by 30–35% and reduced shipment verification time by 50%.

• AI Smart Home App – Integrated ChatGPT & Whisper APIs for advanced automation; implemented features based on user feedback and optimized performance.

PROFESSIONAL EXPERIENCE

Freelance Software Developer – Remote | *Jun 2023 – Present*

• Developed & supported SaaS products for 100+ customers (Electron, FastAPI, React, PostgreSQL).

• Built AutoSortPro integrating Auth0, OpenAI API, Stripe API, AWS S3 & SES; developed new features and optimized system performance.

• Built M2 InstaCount with Stripe API; optimized API integrations and database queries; improved efficiency 30–35%.

• Provided onboarding, troubleshooting, and workflow optimization for paying customers.

• Authored customer documentation and training resources.

OpenHome – Back End Engineer (Contract) – Remote | *Jan 2024 – Apr 2024*

• Built backend for AI-powered smart home app integrating ChatGPT & Whisper APIs; demoed to 100+ investors.

• Managed Python environments with PDM & Conda to ensure demo stability.

• Collaborated with product and design teams to refine features from user feedback.

EDUCATION

The Flatiron School – Software Engineering, 2023