Austin J. Hunt

Versatile engineer with 5+ years of hands-on experience in full stack web dev, distributed systems, networking, cloud architecture, server administration, and container orchestration, with a specially tuned eye for automation and a killer work ethic, seeking work **outside of higher ed** with a **vibrant and inspired** team on **high-impact software.** I want to help people.

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EXPERIENCE

DEC 2019 - PRESENT: Digital Communications Developer / Webmaster - *College of Charleston, Charleston, SC/Remote*

- Lead **weekly** IT meetings for **2+** years & train new employees.
- **Daily** web support through ITSM ticketing and Zoom/Teams meetings.
- Create training videos & KB resources (e.g., for new SharePoint Intranet, using Google Analytics, using Dubbot, etc.)
- Correspond with **10+ external software vendors** and leverage SDKs/APIs for smooth enterprise system integrations.
- Reduce software costs by **$60K+** with automation scripting, full-stack web dev (5+ apps), API dev, & SharePoint administration
- Build, maintain, & document **30+** APIs, applications, & scripts to support internal processes and **50+ business units** with automation (using tools like Selenium, APIs, webhooks, cron).
- Script **5+ cross-environment data syncs** (cloud to cloud, cloud to on prem, on prem to cloud).
- Develop & document WP theme for today.charleston.edu with **custom plugins** to support search across legacy **and** redesigned sites.
- Build high-value front-facing web features for charleston.edu (e.g., "meet your counselor" with **SchoolDigger** integration, and "library crowd meter" for COVID response) to serve public and internal audiences
- Save **20+ man-hours** a year by building **CI/CD pipelines** across **5+** key projects, including distributed web server configs for charleston.edu. Cut deployment times by **90%** with GH Actions.
- **Evangelize** use of Docker, Ansible, Git, GH Actions, CI/CD, PR reviews, & GH Copilot within IT. Advocate MS Flow & Power Apps for streamlining campus business processes in O365.
- Centralize IT API documentation and testing in **Postman** for more efficient internal **collaboration**.
- Use PowerShell to **automate** repetitive site provisioning and templating for new (2023) **SharePoint intranet.**
- Securely maintain **30+** on-prem & cloud servers (Windows Server, RHEL, Ubuntu). Install & renew SSL certs (on-prem & SaaS). Backup/restore SQL databases. Monitor logs, respond to DoS attacks, & help plan more redundant web infrastructure.
- Implement analytics dashboarding in Splunk. Administer Google Analytics (3 & 4); set up and use Google Tag Manager and Google Programmable Search Engine on charleston.edu sites.
- Administer Osano for cookie consent management, & Pantheon for WP hosting of 25+ large sites.
- Configure RBAC and SSO with Azure AD for custom and COTS apps to adhere to the least privilege access model.

MAY 2019 - DEC 2019: Temp - *College of Charleston, Charleston, SC*

- Implement network monitoring and alerting for 1000+ hosts with Icinga.
- Configure distributed infrastructure with Ansible.
- Create custom service checks with NCPA, ICMP, SNMP, and SSH
- Script webhook-driven MS Teams alerts with Python.
- Collaborate with a networking team for troubleshooting and

SKILLS

Learning & working **quickly**

Prioritizes clean code, clear documentation, and maintainable solutions

Clear communicator, both in writing and in person

Broad range of frontend and backend languages, including JS, Python, Bash, PowerShell, Go, PHP, HTML/CSS/Sass, TS, Java

Web frameworks and libraries like Django, Express.js, React, Flask, Next.js

Secure cloud architecture, Linux administration

Implementing RBAC, SSO, OAuth2/OIDC flows, MFA

Network troubleshooting, monitoring and alerting config

Container management, orchestration with Kubernetes/K8s

Cloud platforms - Google Cloud Platform, Azure, AWS (IAM, S3, Lambda, EBS, EC2, ACM, Cloudwatch, & more)

Functional **and** Object-Oriented Programming

CERTIFICATIONS

2024: Certified Kubernetes Administrator
2024: (In Progress) AWS Certified Solutions Architect
2021: Docker Certified Associate
2021: Certified Associate Python Programmer

EDUCATION

MAY 2021 - DEC 2022: Vanderbilt University, Nashville, TN — *M.S. Computer Science, 4.0*

AUG 2015 - MAY 2019: College of Charleston, Charleston, SC— *B.S. Computer Science, 3.95*

PROJECTS

scaling.
- Build and maintain a Django SSO-enabled app for the team to manage their own server monitoring.
- Integrate Icinga with Netbox for network hardware monitoring.

OCT 2017 - MAY 2019: Student Network Engineer - *College of Charleston, Charleston, SC*

- Handle zero-downtime install and config of Juniper switches and power supplies.
- Configure new UPS NICs & automate mass firmware upgrades with Python.
- Manage inventory & train new employees

OCT 2023 - PRESENT: NovaBrains.ai - *LLM-assisted, LMS-integrated digital textbook platform for educators and learners alike for building and using engaging, interactive courses. In collaboration with Ayman Hajja, PhD.*

Stack: AWS (CLI, SAM, R53, EBS, S3, Lambda, Cloud- watch, IAM), Python, JS, GitHub Actions, React, Material UI, Django REST Framework, OpenAI ChatGPT API, Swagger, Slack, Jira, GCP, reCAPTCHA, Postman, OAuth2, ToTP

Roles: Cloud architect, devops engineer, full-stack developer, cofounder.

JUNE 2024 - PRESENT: StudyRocket.ai - *AI-powered, on-the-fly interactive quiz generation about anything you want to study. In collaboration with Ayman Hajja, PhD.*

Stack: AWS (CLI, SAM, R53, EBS, S3, Lambda, Cloudwatch, IAM), Python, JS, GitHub Actions, React, Material UI, Django REST Framework, OpenAI ChatGPT API, Swagger, Slack, Jira, GCP, reCAPTCHA, Postman

Roles: Cloud architect, devops engineer, full-stack co-developer, cofounder June 2024 - Present

JULY 2019 - PRESENT: sketchyactivity.com - *Art portfolio and commission portal SPA hosted for free on GitHub.*

Stack: GitHub Pages, React, GA4

Roles: Solo web developer.

JUNE 2023 - PRESENT: jerrywestonmize.com - *WordPress-based music lessons payment gateway*

Stack: Linode, WordPress (PHP, JS, CSS), WP Amelia for Payments, Colibri, custom plugins, GA4

Roles: Freelance full stack web developer, web support