Trinity Klein

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Technical Skills & Projects

Programming: Python, SQL, Java, JavaScript, HTML/CSS
Tools: AWS (EC2, VPC, IAM, S3), Linux/Windows OS, Git, Web application frameworks, CI/CD workflows
Certifications: AWS Certified Cloud Practitioner, Data Analytics Essentials

Cloud Resume Challenge

Built terminal-style front end using Hugo Console theme; deployed globally with S3, CloudFront, and Terraform. Implemented serverless backend (Lambda, DynamoDB, API Gateway) to track site analytics and automate deployments via GitHub Actions CI/CD. Applied security best practices with IAM, encryption, and cost-optimized lifecycle policies.

Innov8 Barbershop Scheduling Application

Co-led Agile sprints, backlog prioritization, and client reviews for a launch-ready scheduling platform. Directed cross-platform testing/debugging to ensure mobile and desktop reliability. Integrated scheduling APIs, improving predictability of releases.

Enterprise Data Platform

Migrated codebase from Vue Options API to Composition API, improving modularity and maintainability. Implemented secure authentication, RBAC, and CRUD services for enterprise data operations. Built interactive data visualizations to enhance the usability of the analytics dashboard.

Relevant Experience

SOUTHEAST HYPNOSIS   Friendswood, TX
Digital Solutions Engineer   March 2020 - December 2024
Deployed automated appointment system, reducing scheduling workload by ~50% and client no-shows by ~20%. Migrated corporate site to WordPress, boosting performance by ~40% and reducing downtime. Centralized ~1,000 client records into a digital database, improving accuracy and accessibility. Integrated AI chatbot and automated reminder funnels, increasing client leads by ~25% and retention.

GREATER BUSINESS OF PEARLAND   Pearland, TX
Community Data & Marketing Analyst (Volunteer)   November 2021 - May 2024
Analyzed event demographics and managed outreach for 25+ local partners, increasing attendance by ~100%.

Education

UNIVERSITY OF HOUSTON   Houston, TX
BS in Computer Information Systems, GPA: 3.54/4.00   May 2025
Relevant Coursework: Database Management, Network Infrastructure, Application Development, Cloud Computing, Information Security, Systems Analysis.

Involvement

FUTURE INFORMATION TECHNOLOGY PROFESSIONALS   Houston, TX
Member   August 2020 - May 2025
Participated in professional development events on cloud computing, cybersecurity, and enterprise system.