Daniel Addison

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Professional Experience

Cloud Engineer | Mission Cloud Services Inc. | Beverly Hills, CA   02/2022 – Present
- Managed and supported the infrastructure of a $1B+ company, including AWS EC2 instances, RDS databases, Elastic Load Balancers, S3 buckets, Route53 DNS records, CloudFront CDN distribution.
- Developed automation tools to streamline infrastructure deployment processes using Python or Bash scripting languages.
- Assisted with troubleshooting issues related to application deployments on AWS environments and assisted with software releases for web applications deployed on AWS environments.
- Created a monitoring system to track the status of all AWS resources, including EC2 instances and RDS databases.
- Implemented Continuous Integration & Deployment pipelines for web applications using Jenkins Pipelines and GitHub integration plugins to automate deployments to staging environments before going live to customers.

Technical Analyst Intern | Cornerstone OnDemand| New York City, NY   09/2021– 11/2021
- Provided end-to-end support for a variety of hardware and software issues, including operating system problems, printer malfunctions and application errors.
- Responded to email inquiries from employees regarding general IT questions or requests for assistance with common computer problems.
- Documented all incidents in ServiceNow and ensured proper escalation of complex issues through appropriate channels.
- Assisted with implementation projects by providing expertise in specific areas such as network infrastructure, application deployment, etc...
- Achieved 95% first call resolution rate by following up on every ticket until it was resolved.

Software Engineer Intern | Snap Inc. (Snapchat) | Santa Monica, CA   06/2021– 08/2021
- Selected as one of 15 interns from a competitive nationwide pool of 600+ candidates.
- Led small teams of developers, designers, and marketers with BIPOC non-profit Community Coalition.
- Built feature that highlights nonprofits on Snap Map with React Native frontend, demoed with Apple/Google Maps.
- Developed a Snapchat clone with user authentication and group chats using Google Firebase Firestore & Auth Backend.
- Pitched prototype Snapchat feature to Julie Henderson, Snap Inc.'s CCO, and over 120 public audience members.

Projects

- Pitched original socially conscious Snap feature "Unity" to Julie Henderson, Snap Inc's CCO.
- Developed a Snapchat face filter "Tobi Mask," a deep learning Naruto-inspired Snap Lens can detect Facial Keypoints, leveraging JavaScript, JSlibraries p5.js, ml5.js, and Google Teachable Machine to animate four augmented reality effects that change depending on the user's face expression, and head rotation.
- Created an "Interactive brush" with p5.js that responds to users' cursor positioning.
- Coded a "Food Recipe" webpage that shows detailed step-by-step procedures on how to cook my favorite dinner dish chicken enchiladas using HTML, CSS, and JavaScript.
- Project Manager in a senior capping project "Outfox," where I led a team of 12 to create an open source learning management system for students, individuals, and businesses, with the ability to upload, share resources, and content.
- Led a team of three designers in the design and successful implementation of a multi-platform music app "Wav" using Invision Studio, Photoshop, and Figma.
- Created a web based re-imagining of "The Oregon Trail" game using HTML, JavaScript, and CSS.
- Developed a text-based adventure game "Zork'' with a graphical interface in Python.
- Participated in an open project to help Marist College develop a lost and found database using PHP. Marist implemented this data and the project was recognized at a Regional Conference.
- Built an Arduino MIDI Controller that generates and transmits MIDI data to MIDI enabled devices.

Certifications & Technical Skills

AWS Certified SysOps Administrator – Associate (In Progress)

DevOps Tools: Chef, Puppet, Terraform, Kubernetes
Programming Languages: Java, Python, Powershell, Bash, JavaScript, Typescript, C++/C, C#, Git, HTML/CSS, React Native, React
Cloud Native CI/CD Workflows and Tools: Jenkins, Code Deploy (AWS), GitLab.
AWS Cloud Services: EC2, S3, RDS, ELB, CloudFront, Route 53, CloudWatch, Lambda, SNS, SQS, API Gateway, ECS, Kinesis
Database Technologies: Redshift (PostgreSQL), MySQL, MongoDB, Oracle, SQL, NoSQL

Education

Bachelor of Science, Computer Science | Marist College | Poughkeepsie, NY