Andreas Cormack

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Summary

Python/Django ,Wagtail Developer and AWS Certified Cybersecurity Enthusiast
Experienced software developer with over 5 years experience in building web applications, API's and data pipelines. Proficient in python, javascript, tailwind and pandas. AWS certified with experience using the popular services like (S3, lambda , EC2) etc. Passionate about clean and maintainable code with a keen eye on security. Experience working with teams in an Agile approach to software development . Additionally, I also have an interest in Cyber Security. Side projects **see project info** . I am enthusiastic about music and love playing guitar in my spare time.

Technical Skills Summary

- **Languages:** Python, JavaScript, CSS, HTML
- **Frameworks & Libraries:** Django, Flask, Wagtail, React
- **Styling Tools:** Tailwind CSS, css
- **Databases:** PostgreSQL
- **AWS Services:** Lambda, S3, EC2, Secrets Manager
- **CI/CD:** GitHub Actions
- **Packages:** Pandas, Celery, HTMX
- **Operating Systems:** Windows, macOS, Linux (Ubuntu)
- **Certifications:** AWS Certified Cloud Practitioner

Professional Experience

Nisomar Ventures Ltd – Software Developer
📍 **Nov 2023 – Present (Freelance Contractor)**

- Maintain Django web application and React frontend
- Fix UI issues using Vanilla JS
- Create API endpoints with Django REST Framework

- Resolve PostgreSQL database issues
- Plot geospatial AIS data on Leaflet maps
- Monitor Celery-based data pipelines

PassTheKeys – Software Developer
📍 **Jan 2023 – Nov 2023**

- Focused on Wagtail, Django, and Django REST Framework
- Configured codebases for localization to support Spanish market expansion
- Created APIs to render JSON for dynamic form generation
- Enhanced marketing site: embedded videos, translated form errors, updated HubSpot webhooks
- Amended JSON schemas for admin-level form customization
- Worked in Agile environment: daily stand-ups, sprint planning, bug fixes, and feature development

Nisomar Ventures Ltd – Software Developer
📍 **June 2018 – Jan 2023**

- Built company's primary web application from scratch
- Developed Python scripts to extract data from external APIs
- Created Celery tasks to process and cleanse incoming data
- Delivered analyzed data via API endpoints to external clients
- Contributed significantly to company's digital transformation from startup phase

Other Experience

Konica Minolta & Howard Hunt
📍 **2013 – 2018**

Data Processor using proprietary in-house systems

Howard Hunt
📍 **Before 2013**

Worked as a Stock Controller and Warehouse Operative

Projects:

imageassistant.io
A web app that allows users to generate AI images from prompts.

- Built using Django, HTMX, Tailwind CSS, AWS S3, Lambda, and Stability AI
- Follows an event-driven architecture with Lambda as a notification system along with CI/CD implemented using GitHub Actions.

Certifications

AWS Certified Cloud Practitioner
📅 April 2024
🔗 View Certificate

Treehouse Python Web Development Techdegree
📅 2017 – 2018

Other Education

BBA(Bachelor's in Business Administration)from NPG College India	2000-2003
HDSE (Higher Diploma in Software Engineering) India	1999-2000
ISC (Indian School Certificate Exams 12th standard) A Level equivalent	1997-1999
Indian Council for Secondary Education Exams 10th Standard	1995-1997

References available on request