Sayf Ahmed

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TECHNICAL SKILLS

Languages: Python, JavaScript, C++, C, Java, Go, Bash, HTML, CSS
Frameworks: Django, Flask, pandas, React Native, Bootstrap, Jekyll, Wagtail
Applications/Services: RESTful API, PostgreSQL, Docker, Postman, AWS, Ansible, Apache Airflow, Webpack, Fastly, VSCode

WORK EXPERIENCE

Hogarth Worldwide   **New York, NY**
Front-End Developer   *September 2021 – December 2022*

- Worked as a web developer on Dow Jones products including The Wall Street Journal, MarketWatch, and Barron's
- Collaborated with copywriters, designers, and marketing managers on nearly 300 various campaigns with multiple assets
- Co-managed wsjpro.com through WordPress by building PHP modules and editing live pages
- Developed customer-facing shop pages for news subscriptions and bundles sales with JavaScript and Webpack
- Created a web platform for WSJ Journal House on journalhouse.com using Splash's event content management system (CMS)
- Built eye-catching emails for commerce, customer engagement, commercial partnerships, and WSJ events

Syracuse University Division of Marketing and Communications   **Syracuse, NY**
Full-Stack Developer Intern   *June 2020 – May 2021*

- Built and managed pythonic applications and services for Syracuse University's 15,000 WordPress sites
- Collaborated with six developers and an intern on full-stack development, systems administration, and data analysis
- Pulled from Centro's GTFS bus data and serialized 300 routes and 4500 stops using pandas
- Delivered serialized bus data using REST API built from Django REST framework for streamlined consumption for websites
- Developed a site management tool through full life cycle using Django and Ansible Tower API for WordPress site admins
- Implemented website security scanners and crawlers such as Lighthouse, using Bash in Docker containers
- Created a Go script to handle verifying and updating X.509 certificates on Fastly hosted websites
- Built a directory API for entire university staff of approximately 5000 people using Django REST framework
- Developed a content management service using Wagtail on Django to migrate WordPress sites

Syracuse University School of Information Studies   **Syracuse, NY**
Junior Django Developer   *May 2019 – March 2020*

- Built and managed complex web apps for the School of Information Studies of Syracuse University
- Utilized test driven development, accessibility, and Kanban development with PostgreSQL and CI/CD
- Developed an application for staff of InclusiveU to store student profiles and generate reports using Django
- Built a webapp in Django for university events with approval system and JavaScript multi-calendar display
- Created an iSchool web form service to digitize and facilitate application process for students

NOTABLE PROJECT

iSchool Web Forms Service   **Syracuse, NY**
iSchool Internship   *January 2020 – March 2020*

- Produced an accessible Django web app, constructs web forms for advising departments given simple context for form fields
- Built app to customize form field label, field type, field choices, and JavaScript drawn signature and conditional fields
- Implemented OAuth2.0 using university Active Directory, drafts, approval process, emailing, and exporting data to Excel
- Integrated ability to organize completed form entry data on PDFs as if form was filled by hand using Python

EDUCATION

Syracuse University College of Engineering and Computer Science   **Syracuse, NY**
B.S. in Computer Science, Minor in Cognitive Science   *May 2021*

- GPA: 3.6/4.0