

# Sayf Ahmed

New York, NY • sayf.eddin.ahmed@gmail.com • sayf-eddin.me • github.com/sayf-eddin

## SUMMARY

Full-Stack Engineer with a strong foundation in developing scalable web applications using Django. Experienced in web development, building RESTful APIs, data processing, integrating complex systems, and communicating with cross-functional teams in agile environments.

## WORK EXPERIENCE

### Freelance Developer

03/2023 – Present

- Preprocessed data in Python using scikit-learn and pandas and presented a detailed report for Girls Who Code Girls, a Cannes Lions award-winning data storytelling avatar creation experience
- Constructed mapping templates for EDI file conversions from CSV and XML to JSON using Liaison Delta for API integration for ~20 clients
- Created various web applications in Python, Java, and JavaScript using Django, Spring, and OpenAI

### Front-End Developer

09/2021 - 12/2022

Hogarth Worldwide

New York, NY

- Created time-sensitive marketing assets for over 300 campaigns for The Wall Street Journal, Barron's, and MarketWatch, enhancing engagement with ~4,000,000 current readers and attracting new subscribers
- Co-managed wsjpro.com through WordPress by building PHP modules with JavaScript, improving the user experience for hundreds of premium users
- Composed shop pages for news subscriptions and bundle sales using JavaScript and Webpack, enhancing all customer interaction and sales with efficiency

### Full-Stack Developer

06/2020 – 05/2021

Syracuse University Division of Marketing and Communications

Syracuse, NY

- Managed high-level software systems for Syracuse University, affecting ~15,000 WordPress sites
- Developed an API for Centro's bus data with pandas and Django, allowing efficient implementation and discovery for ~300 routes
- Deployed a multi-threaded WordPress site management tool through full dev cycle using Django and Ansible Tower API for thousands of site owners to backup, archive, nuke, and more with a single click

### Junior Django Developer

05/2019 – 03/2020

Syracuse University School of Information Studies

Syracuse, NY

- Integrated and troubleshooted complex Django web applications using relational databases, test driven development, PostgreSQL, CI/CD, accessibility, and Kanban development
- Engineered a form builder with JavaScript to digitize and facilitate the college transfer application process, reducing manual paperwork and improving application efficiency

## SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, Java, C++, SQL, Go, Shell, HTML5, CSS, PHP  
**Frameworks/Libraries:** Django, Flask, pandas, OpenAI, Spring, scikit-learn, React Native, Bootstrap  
**Applications/Services:** RESTful API, PostgreSQL, Docker, Git, GitHub, OAuth 2.0, Ansible, Webpack

## EDUCATION

### B.S. in Computer Science, Minor in Cognitive Science

05/2021

Syracuse University, Magna Cum Laude

Syracuse, NY