patrick sollars

pjsollars@gmail.com
586.219.7567
github.com/psollars

TECHNICAL SKILLS

- Python | Flask | Django | DRF
- SQL | MySQL | PostgreSQL
- C# | .NET Core | .NET Framework

- JavaScript | TypeScript | Node | React | Svelte
- Docker | Kubernetes | AWS CDK, CloudFormation
- AWS Certified Solutions Architect - Associate

PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE ENGINEER

Capital One | Chicago, IL   *February 2024 - Present*

Key contributor to the team modernizing the settlement process for retail partners, enhancing the efficiency and reliability of processing large-scale Credit Card transactions using cutting-edge cloud technologies

- SME on Corrective Events architecture which act to correct state in a highly distributed, eventually consistent system
- Developed and deployed Python microservices in conjunction with a range of AWS services, including S3 triggers, Lambda functions, and DynamoDB, to automate and streamline the settlement process

SENIOR SOFTWARE ENGINEER | TEAM LEAD

BrainGu | Remote, Chicago, IL   *January 2021 - February 2024*

Full-stack engineer and team lead for project WIDOW, a real time, collaborative, mission planning application for the United States Air Force; WIDOW implements a Django Rest Framework API on Python with a TypeScript React UI

- Spearheaded project scoping and planning with stakeholders, translating complex requirements into actionable tasks and database designs, ensuring technical feasibility and clear direction for engineering teams
- Implemented feature flags and continuous delivery strategies, facilitating seamless updates in both classified and unclassified environments, enhancing operational flexibility and security
- On-site technical support at Nellis Air Force Base in Las Vegas, NV

SOFTWARE ENGINEER

Magic Wrighter Inc. | Grand Rapids, MI   *May 2018 - December 2020*

Worked on the e~Funds for Schools team, developing a feature rich payment system for hundreds of school districts nationwide; Mentored software developers to grow their technical skills and share e~Funds domain knowledge

- Integrated various school vendor APIs with e~Funds to provide a payment interface to their school data platform
- Developed a robust microservice application architecture with C# and .NET

EDUCATION

MASTER OF APPLIED DATA SCIENCE

University of Michigan | Ann Arbor, MI   *May 2024*

REACT DEVELOPER BOOTCAMP

Grand Circus | Grand Rapids, MI   *December 2017*

BACHELOR OF SCIENCE, MARKETING

Ferris State University | Big Rapids, MI   *May 2012*

COMMUNITY INVOLVEMENT

- Mentor for Capital One Coders (https://www.capitalone.com/coders)
- Organizer of Grand Rapids Learn to Code Meetup
- Speaker at GRWebDev Meetup

- Coach for Django Girls programming workshop
- Volunteer for Hour of Code at Rockford Elementary