Angelo Gentile III

Irvington, New York | (201) 523-0880 | [Email](#) | [LinkedIn](#) | [Github](#) | [Medium](#) | [IMDB](#)

FULL-STACK SOFTWARE ENGINEER

Software engineer experienced in developing dynamic workflows for clean, concise technical solutions and known for delivering results under pressure to meet client needs. Strong commitment to continual growth as an engineer with a passion for empowering team members to perform at their highest level. Proven track record of taking initiative in unfamiliar territory, possessing a strong professional adaptability, and an awareness of team and client relations.

TECHNICAL SKILLS

JavaScript (React, TypeScript), Python (Flask, Pandas, Selenium), SQL (MySQL, PostgreSQL, SQLite), AWS (S3, Lambdas, CloudFormation), Git/Github Actions, Docker, HTML, CSS

PROFESSIONAL EXPERIENCE

Software Engineer - Intern   Remote
Point Focal   *2024*
- Developed a financial reporting retrieval system by integrating AWS services and a custom-built Ruby web scraper, providing clients with new business insights and analysis during the market's transition to a T+1 time frame
- Designed an event-driven ETL pipeline utilizing AWS S3, Lambda functions, and CloudFormation templates to process SEC failure-to-deliver data, streamlining data ingestion and enhancing operational efficiency
- Engineered GitHub Action workflows to create a seamless deployment process, ensuring efficient integration and delivery of development and production changes, while expanding automated CI/CD pipelines
- Utilized Python's Pandas library to process and examine portfolio CSV files, developing a tailored analysis that highlights shortfall implementation across the designated trading period
- Implemented new end-to-end functionality, incorporating Spotfire API integrations, that maintains stylistic uniformity and streamline user experience in the React/TypeScript front-end application

Digital Imaging Technician | Camera Technician   New York, NY
IATSE Local 600   *2015 - Present*
- Utilized DaVinci Resolve Studio to create custom LUT files for daily production, ensuring consistent color space and exposure alignment across diverse camera systems, while adhering to the production's creative vision
- Leveraged Pomfort Silverstack for MD5 and xxHash-64 checksums during file transfer from camera media to production RAIDs, guaranteeing file security and mitigating opportunities for data corruption
- Designed daily production strategies to optimize the operation of technical camera systems, coordinating with production stakeholders, to provide constructive leadership and effective production workflows

TECHNICAL PROJECTS

Crew Portal - [Github](#) | [Demo](#)
A mobile communication platform for film technicians to interact with production companies, facilitating ease in scheduling and providing information about ongoing productions
- Integrated React Native for client-side mobile development and Node.js/Express.js for server-side, ensuring a seamless application stack based upon Agile methodologies
- Implemented JWTs and robust password hashing for user authentication, ensuring integrity and security of user data

Red Line Dealership - [Github](#) | [Demo](#)
An e-commerce web application that allows users to add, save, and purchase vehicles from the dealerships inventory
- Designed a React front-end application using functional components and integrating third-party libraries like React Hooks and Cloudinary API, ensuring a seamless and intuitive user experience
- Developed a Python API with dedicated endpoints optimized for ingesting and accessing product and user data

EDUCATION

Flatiron School   New York, NY
Full Stack Software Development, Python/Flask and JavaScript/React.js   *2023 - 2024*

Emerson College   Boston, MA
Bachelors of Fine Arts in Cinematography (Minors in Photography and Literature)   *2011 - 2015*