

Julius Fitzhugh

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Goal: Looking for a software developer position to apply my skills and contribute to a team building robust and scalable applications. My interests are in cloud and APIs.

Current Project:

Thumbnail Service (<https://github.com/developerfitz/Thumbnail-Service>)

Brief: Taking a simple local thumbnail service and deploying to AWS using python

Goal: An end-to-end highly available, scalable, and automated thumbnail microservice

Technologies:

- Amazon Web Services (AWS) – S3, SQS, Elasticbean Stalk • API Design – Open API
- OAuth • SQL database • SDK – Boto3 • Pillow • Git/GitHub • Asana • Slack

Certifications:

- AWS Certified Developer (Associate) – June 2020-2023

Skills:

JavaScript, Python, Full Stack, AWS, JAMstack, CI/CD, Docker, React/Redux, Design UX/UI, Firebase, HTML/CSS, NoSQL, GraphQL, Gatsby, OOP, Functional, Data Structures

Education:

University of Wisconsin-Madison

Master of Engineering in Technical Japanese - Graduation May 2015

University of Maryland, Baltimore County

Bachelor of Science in Chemical Engineering - Graduation May 2012

Work Experience:

U.S. Patent and Trademark Office

June 2016 - Current

Patent Examiner

Alexandria, VA

- Review patent applications in Tech Center (TC) 1700 – Chemical
- Analyze and search Applicant's inventive concept (e.g., containers, hoses, polymers, etc.)
- Write an Office Action regarding the patentability of the claimed invention
- Conduct interviews with Applicant's to clarify rejections and provide guidance

Paragon Bioservices

April 2015 – May 2016

Manufacturing Associate II

Baltimore, MD

- Write SOPs, Batch Records, Specifications for client processes
- Perform daily Upstream cGMP operations alongside team members for successful runs
- Troubleshoot equipment when problems arise leading to successful runs with no loss

GlaxoSmithKline (GSK)

November 2013 - April 2015

Biopharmaceutical Manufacturing Associate

Rockville, MD

- Follow SOPs and Batch Records to stay in compliance with cGMP
- Prepare, initialize, monitor, and cleanup batches in mammalian and fermentation processes

Awards:

- Outstanding Performance Award – **Paragon Bioservices** (October 2015)