

Mark Bassily

732-570-5607 | markbassily2575@gmail.com | [linkedin.com/in/markb2575](https://www.linkedin.com/in/markb2575) | github.com/markb2575
markbassily.com

EDUCATION

Rutgers University
BS in Computer Science

New Brunswick, NJ
Sep. 2020 – May 2024

EXPERIENCE

Full-Stack Developer

May. 2025 – Present

Litigation.gg

Remote

- Built a parser to store the Code of Federal Regulations in PostgreSQL and integrated it with an API built with NestJS, including a daily cron job to keep the data up to date.
- Created and connected wrapper APIs for the Federal Reserve and FOIA with an API built with NestJS, making third-party data easier to use.
- Integrated MCP Server with a custom MCP Client to support chatbox interactions, fetching relevant resources based on user prompts and generating context-aware responses.

Backend Developer

Jan. 2025 – Present

SPOEM

Remote

- Integrated Azure API with AWS Lambda to securely query data from Microsoft Dynamics 365 via AWS API Gateway and AWS Secrets Manager.
- Automated Azure secret rotation using AWS Lambda and AWS Secrets Manager, generating and storing new client secrets before expiration.
- Secured file downloads in S3 by restricting access and enabling authorized users to generate signed URLs.
- Deployed the app using AWS Amplify, managing environment variables and deployment configurations.
- Implemented IP-based analytics using ip-api.com and AWS to log and analyze user location data.
- Created an API endpoint to send transactional emails programmatically using AWS SES.

Freelancer

May. 2024 – Present

Self-employed

Remote

- Created an online learning platform for churches, using Next.js and SQL.
- Created a RAG model to answer questions about HVAC PDFs.

Full Stack Software Engineer Intern

May 2023 – Aug. 2023

Clutch Holdings

Remote

- Developed and optimized full-stack features using PostgreSQL, Java, Scala, React, and JavaScript.
- Improved table loading times by 80% with optimized REST API calls enabling seamless pagination.
- Implemented validation and confirmation pages, reducing invalid data entries and manual cleanup.
- Wrote unit and integration tests to ensure reliable deployments and smooth updates to legacy systems.
- Collaborated in agile scrum workflows and managed ticket progress using Jira.

CERTIFICATIONS

AWS Certified Developer - Associate

Oct. 2024 – Oct. 2027

PROJECTS

Portfolio | *Next.js, TypeScript, Tailwind, CSS, Vercel*

- Hosted a website to showcase my skills, experience, certifications, and projects on Vercel.
- Showcases modern UI and animations while remaining performant.
- Can be viewed at markbassily.com.

TECHNICAL SKILLS

Languages/Frameworks: Java, SQL, Python, JavaScript, React, HTML/CSS, Bootstrap, Next.js, Tailwind

Technologies: Git, Docker, AWS, Express, Jenkins, Jira, Postman

Interests: Machine Learning, PyTorch, HuggingFace, Web Scraping