Mark Bassily

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markbassily.com

EDUCATION

Rutgers University — New Brunswick, NJ
BS in Computer Science — *Sep. 2020 – May 2024*

EXPERIENCE

Backend Developer — Jan. 2025 – Present
SPOEM — *Remote*
- Integrated Azure API with AWS Lambda to securely query data from Microsoft Dynamics 365, using AWS API Gateway and AWS Secrets Manager.
- Automated Azure secret rotation by configuring AWS Secrets Manager to generate and store new Client Secrets prior to expiration through AWS Lambda.

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.

Jukeboxd | *React, Express, SQL, Bootstrap, Python, CSV*
- Developed a social music platform utilizing React, Express, and MariaDB, featuring a modern UI styled with CSS and Bootstrap.
- Implemented paginated search for 40,000+ results, secured accounts with JWT authentication, and encrypted passwords.
- Used Python to parse CSV files and populate SQL database entries for tracks, albums, and artists.

till-failure | *React Native, Web Scraping, JSON*
- Developed a gym workout planning and tracking app using React Native.
- Includes 500 exercises rated for effectiveness, filterable by target muscle.
- Features animations and a modern design.

Daily Blessings | *Next.js, TypeScript, Tailwind, Drizzle ORM, SQL, BetterAuth*
- Engineered a full-stack app for managing classes, students, and teachers, allowing students to answer questions daily and teachers to review.
- Handled tasks like database schema design, authentication, middleware, and API usage examples.
- Provided guidance to other team members on React component creation, API design, and database manipulation.

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