

Jonathan Botros

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EDUCATION

New Jersey Institute of Technology

Bachelor of Arts in Computer Science

Newark, NJ

September 2016 – May 2020

EXPERIENCE

Lead Software Engineer

April 2023 – Present

Kenvue (Formerly Known as Johnson & Johnson Consumer Health)

Skillman, NJ

- Lead Platform Engineer for Kenvue's Developer Portal, built with Typescript, React and Express.js, through Backstage.io, an open source framework for building developer portals. The portal enables hundreds of Kenvue's teams to catalog their projects, request CI/CD tooling, view documentation and create new projects via templates.
- Leading creation of Software Engineering templates for Kenvue's internal developer portal. Through filling out a form, new projects created from templates come enabled with logging, linting, unit tests and Jenkins pipelines.
- Enabling Software Engineering standards & best practices across Kenvue, giving guidance for adoption of lightweight, containerized microservices. Containerized lubriderm.com, motrin.com and several other key brand websites used by thousands of users and deployed them on to a shared Kubernetes cluster as a part of this effort.

Senior Software Developer

May 2022 – March 2023

Johnson & Johnson

Raritan, NJ

- Developed an internal mobile application for labeling images built with React Native, where the data generated from the application trained 10+ supervised machine learning models to be used in future Ethicon medical devices.
- Implemented CI/CD Jenkins pipeline for the web portal, including unit tests, code linting, SonarQube static analysis, and deployment to EC2 environments, boosting developer efficiency & faster releases.
- Rearchitected frontend web portal with React.js solution built with Vite, Tailwind and Typescript for the data science team to visualize data captured from the mobile app and carry out administrative tasks more effectively.

Software Developer

June 2020 – May 2022

Johnson & Johnson

Raritan, NJ

- Lead Backend PHP Developer for Care4Today, a mobile app that connected patients to their doctor to keep track of symptoms, medication and appointments. New trackers were created so that those metrics could be aggregated to generate a Risk Score, which resulted in 100 plus new sites onboarded for clinical studies.
- Developed serverless Node.js REST API for an internal mobile app to retrieve hashed codes stored in a PostgreSQL database for the Janssen Covid Vaccine, so lab workers can determine if the vaccine was expired.
- Backend Node.JS Developer for the J&J API Catalog, which hosts over 150 APIs across Johnson & Johnson for internal discovery. Developed CI/CD tools to enable teams to upload their OpenAPI docs to the API Catalog.

Software Engineering Co-op

June 2019 – December 2019

Johnson & Johnson

Raritan, NJ

- Migrated 10+ APIs from the Apigee Tirmore hosting service to Apigee's Hosted Targets server solution, and provided support for 4 overseas teams to migrate their APIs for a critical API Migration project.
- Full Stack Developer for an internal developer application, developed with Node.js & React. The system provided a centralized source of data pooled from CI/CD tooling, resulting in valuable metrics for over 100+ J&J projects.

PROJECTS

Spotify to Apple Music Playlist Converter | *React, Node.js*

- REST API & Frontend web application that can take a playlist from Apple Music or Spotify and be able to migrate that playlist to the other respective service. Integrated with both the Apple Music and Spotify REST APIs.

Color Fun Run | *PHP, HTML, Javascript, MySQL*

- Registration form for an charity event that integrated with the Paypal SDK that allowed users to register and pay for an annual color run. User info was stored in a database and the event team was notified when a person registered via email. The event had 180+ attendees and raised \$12,000 to build wells for the needy in Africa.

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, PHP, Bash, PostgreSQL, Java, HTML, CSS, Groovy

Frameworks: React, Express.js, Next.js, React Native, FastAPI, Symphony, Backstage

Developer Tools: Git, Docker, Kubernetes, Jenkins, Vite, AWS, Apigee, VSCode, Jenkins, Jira, Helm, Snyk, ArgoCD