

Demi Olagoke

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Overview

- Senior Backend Engineer experienced with high volume consumer applications, most notably Tinder
- Looking for opportunities after taking a refreshing period to focus on personal goals

Technical Skills

- **Languages:** Javascript/Typescript, Python, Java, C#, SQL, HTML/CSS
- **Server-Side Technologies:** Node.js, Express, FastAPI, AWS (S3, DynamoDB, ElastiCache, Lambda, Media Convert, CloudFront, EC2), MongoDB, PostgreSQL, Apache Kafka, Debezium, Strapi, Docker, Kubernetes, Prometheus, Grafana, Railway, Ngrok
- **Collaboration Tools:** Git, Jira, Confluence

Experience

Tinder Senior Software Engineer, Backend

Los Angeles, CA | July 2017 - September 2022

- Architected and led the development of products/features such as Games, Message Suggestions, and Live Counter
- Owned parts of products such as video transcoding for Swipe Night videos, and the interactions service for Fast Chat
- Transitioned pairing service for fast chats to an **event-driven architecture**, enabling concurrent release in **20+ countries**
- Transitioned transcoding service to AWS Media Convert, saving **weeks** on content processing (~85% reduction)
- Designed microservices, documented, handled security and operations reviews, set up infrastructure, and planned releases
- Led cross-functional efforts with engineering and non-engineering teams to successfully release products and experiments
- Contributed to creating and launching products like Explore, Swipe Night, Fast Chat, Festival Mode, to **millions of users**
- Mentored junior engineers, ensuring their professional development goals were met while also contributing to the team

Minted Software Engineer

San Francisco, CA | September 2016 - December 2016

- Mitigated revenue loss by **thousands of dollars** by fixing issues preventing users from purchasing products
- Reduced size of the UI package webpack bundle by **20%** by moving images from the package to S3
- Helped increase user conversion by moving products to the new product display page through data and code changes

nanoPay Full Stack Developer

Toronto, ON | January 2016 - April 2016

- Worked on MintChip, a digital currency backed by the Canadian government
- Developed features such as P2P money requests and fraud mitigation using transaction limits
- Created an invite system where invited users could sign up and instantly receive the money sent to them

University of Waterloo Undergraduate Research Assistant

Waterloo, ON | May 2015 - August 2015

- Worked on HCI research into data exploration of geotagged information using multiple tablet devices and a tabletop
- Implemented **real-time synchronization** between devices & HCI techniques for surfacing relevant information to users
- Created summary visualizations from application logs for researchers to gain insight into user usage patterns

Projects

Mixee

July 2023 - September 2023

- Mobile application aiming to create community for Disc Jockeys and their audience
- Collaborated with a product manager from a previous role to achieve shared goals
- Independently set up the backend (API and database) used by the frontend application
- Wrote scripts to handle the collection and uploading of events to the backend

(Other projects available on LinkedIn)

Education

University of Waterloo Bachelor of Software Engineering

September 2012 - June 2017

- **Relevant Courses:** Computer Security and Privacy, Concurrent and Parallel Programming, Cooperative and Adaptive Algorithms, Computer Networks, Operating Systems, Embedded Software, Data Structures and Data Management
- Events Coordinator (May 2015 - April 2016) of the Black Association for Student Expression