Dami Dare

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> Software builder with a passion for solving complex problems through data-driven solutions and intuitive user experiences. Founded Nightly Traffic, a startup focused on nightlife discovery. Proficient in leveraging AI technologies to solve problems.

EXPERIENCE

Senior Software Engineer
Robinhood (Jan 2022 - Dec 2023)
- Led source A-B , an advanced **anti-fraud** system, reducing annual money movement fraud losses by ~**$1.6M** while enhancing legitimate user experience and streamlining fraud operations.
- Led critical **security** initiatives including email and phone verification for P2P transfers, closing significant fraud loopholes and potentially saving **$1M** in physical mail costs.
- Developed web services to streamline Know Your Customer (**KYC**) processes, ensuring regulatory compliance.

Software Engineer
Microsoft (May 2019 - Jan 2022)
- Built secure, scalable web applications and APIs for Azure **identity**.
- Implemented mandatory gradual rollout support for all internal AAD OAuth applications, which reduced the impact of outages by **50%**.
- Led the effort to ensure all secrets are auto-rotated. These included making code changes and migrating to service providers that supported token based authentication.

Software Machine Integration Engineer
Cummins Diesel (Jun 2017 - Oct 2018)
- Developed a test box for emergency fire truck transmission testing using C++ and J1939.
- Created a web page interface for part rental and finance management.
- Developed a test box for the validation of a WABCO anti lock brake system, this reduced the time to validate a new ABS system by 50%.

EDUCATION

- MSc, Aerospace Engineering, University of Texas, Arlington (2017)
- BEngr, Mechanical Engineering, Covenant University (2013)

PROJECTS

- Created a mobile app for event discovery - **downloadnightly.com**.
- Created an intelligent system that mitigates the risks associated with employees leaving a company departure-risk.web.app (hackathon).

SKILLS

- Back-end development (Python, Java, C#)
- Identity and access management
- Mobile development (Flutter)
- UX design
- Customer trust and safety
- Front-end (React, Next.js, Typescript)
- Know your customer (KYC)
- Start-up leadership
- Customer acquisition
- LLM prompt engineering