YOUSEF MANKOULAH

Full-Stack Software Engineer (Backend-Focused)
Philadelphia, PA | (609) 516-7320 | Yousef.mankola10@gmail.com

LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Versatile Full-Stack Software Engineer with 3+ years of hands-on experience in backend development, mobile (iOS + React Native), and full-stack engineering. Proven track record in building and deploying scalable applications, publishing apps to App Store and Play Store, and solving complex technical issues. Proficient in React, Node.js, Swift, and cloud services (AWS/Firebase). Passionate about writing clean, efficient code to power high-performance systems.

EXPERIENCE

- Sky Technology — Part-time Software Engineer

Remote | 2021 – Present

- Designed and developed a complete POS system using React.js, Redux, Node.js, MongoDB, and PostgreSQL.
- Live Project: ZestPOS
- Deployed using AWS (EC2, VPC, Route 53, Elastic Beanstalk, CloudFront, etc).
- Published iOS apps to the App Store:

  - Prepware Aviation Maintenances
  - Prepare FE Civil Exam
  - AWS Solutions Architect Exams
  - Prepare TOEFL Exam
  - Shake it Off – Move it Up
- Released Android apps via React Native:

  - Aviation Prep
  - FE Civil Exam Prep
- Integrated Stripe, Firebase, and Google Maps APIs.
- Implemented E2E testing with Playwright, Postman, and Cucumber.js.

- Artera — Technical Support Engineer

Philadelphia, PA | 2022 – Present

- Supported cloud-based systems for DoD, VA, and IHS under Public Trust Clearance.
- Conducted secure system configuration, software updates, and technical issue resolution.
- Mentored junior developers and contributed to backend development transition efforts.

EDUCATION

Thomas Edison State University — M.S. in Information Technology (In Progress), 2024 – Present

Thomas Edison State University — B.S. in Computer Science, 2020

Mercer County Community College — A.S. in Civil Engineering, 2018

TECHNICAL SKILLS

Frontend & Mobile: React.js, React Native, Redux, Swift, SwiftUI, Tailwind, HTML/CSS, Bootstrap
Backend & APIs: Node.js, Express.js, Django, REST APIs, PostgreSQL, MongoDB, MySQL, Stripe
Testing: Playwright, Cucumber.js, Postman, TypeScript, Manual Testing
Cloud & DevOps: AWS (EC2, VPC, Route 53, Elastic Beanstalk, CloudFront), Firebase, Google Maps API, CI/CD, ETL Pipelines
Data & Analytics: SQL, Python, Pandas, Airflow, DBT, PySpark, Tableau, Power BI, Looker

CERTIFICATIONS

- Meta Back-End Developer Certificate
- Meta Database Engineer Certificate

LANGUAGES

- English (Fluent)
- Arabic (Native)

VISA & SECURITY

- Dual Citizenship: U.S. & Egypt
- Active Public Trust Clearance – Level 5