

JOSEPH MONTSHETSA MOKGOKONG

Full-Stack Engineer | AWS Production Infrastructure

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PROFILE

Full-stack software engineer with over six years of experience building and maintaining production web and mobile systems. Strong backend focus using Node.js, TypeScript and PostgreSQL, with hands-on AWS infrastructure experience across Lambda, EC2, ECS and RDS environments. Experienced in production deployments, environment configuration, incident support rotation and monitoring via CloudWatch.

CORE SKILLS

- Frontend: React, Next.js, React Native, Redux Toolkit, TypeScript
- Backend: Node.js, Express, REST APIs, OpenAPI/Swagger
- Cloud: AWS (Lambda, EC2, ECS, RDS, S3, CloudWatch), API Gateway
- CI/CD: GitHub Actions
- Databases: PostgreSQL, MongoDB
- Practices: Production deployments, secrets management, incident response

PROFESSIONAL EXPERIENCE

Full Stack Developer – Kraalworks / Pblicize (Sept 2025 – Present)

- Built production frontend features using React, Next.js and TypeScript
- Translated Figma designs into reusable and accessible UI components
- Improved API error handling and resilience across user-facing flows
- Contributed to backend endpoints supporting production systems

Software Engineer – AURA (July 2020 – Aug 2025)

- Owned production backend services using Node.js, TypeScript and PostgreSQL
- Designed and deployed serverless APIs using AWS Lambda and API Gateway
- Maintained infrastructure across EC2, ECS and RDS environments
- Managed environment variables and secrets across staging and production
- Participated in bi-weekly production releases and deployment validation
- Monitored logs and resolved live incidents via CloudWatch
- Contributed to React Native mobile applications (2023–2024) using Redux Toolkit
- Deployed React Native apps to Apple App Store and Google Play

EDUCATION

Full Stack Coding Bootcamp – The Coding Ground (2017 – 2019)

CERTIFICATIONS

AWS Certified Cloud Practitioner

AWS Certified Solutions Architect – Associate