

# ABDULLAHI OLADOSU

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## CAREER SUMMARY

Experienced Senior Backend Engineer with over seven years of experience in designing and optimizing scalable, data-intensive applications. Guided by a strong systems-thinking mindset, I specialize in leveraging cloud-native technologies and modern software practices to deliver secure, reliable, and user-centric solutions, particularly within the finance sector. My expertise encompasses writing clean, maintainable code and collaborating effectively with cross-functional teams, ensuring technical strategies align with broader organizational objectives. With a passion for continuous learning and a keen interest in leveraging AI to produce better outcomes for customers, I am dedicated to advancing innovative, impactful solutions that yield long-term value for clients and the broader community.

## TECHNICAL SKILLS

<b>Backend</b>	Express.js, NestJS, FastAPI, Flask, MySQL, PostgreSQL, MongoDB, DynamoDB, Neo4j, Kafka, MQTT, Testing, API Docs
<b>Frontend</b>	HTML, CSS, Tailwind CSS, React, NextJS, React Native, Expo, Material UI, Redux, TanStack Query, Zustand, Jotai, Responsive Web Design, Lighthouse, Storybook, Sass, SEO.
<b>Software &amp; tools:</b>	Postman, ServiceNow, HashiCorp Vault, Pega Cloud, Power Automate, NodeRed, Sonarqube, Snyk, Microsoft Office 365 (MS Excel, PowerPoint, Outlook), Active Directory, RESTful API Integrations, Visual Studio Code, Power BI, Tableau, NodeRed, Metabase, PgAdmin, Xcode, Android Studio
<b>Cloud &amp; DevOps</b>	GCP, AWS, Azure, Docker, Kubernetes, Jenkins, Helm, Terraform, CI/CD (GitHub Actions, Bitbucket, GitLab), Istio, Grafana, Sentry, Prometheus, Vercel, Netlify, Firebase.
<b>Collaboration Tools:</b>	GitHub, Bitbucket, GitLab, Jira, Confluence, Figma, Lucid Chart, Git, Microsoft Teams, Zoom, Slack, TeamViewer, Google Meet, Skype, Cisco WebEx
<b>Languages:</b>	TypeScript, JavaScript, Python, HTML, CSS, SQL, R.

## PROFESSIONAL EXPERIENCE

### SENIOR BACKEND ENGINEER - Lloyds Banking Group

**OCT. 2023 - PRESENT**

**Achievements:** Orchestrated a microservices-based SMS notification system to proactively update retirement customers on pension withdrawal statuses, reducing inbound inquiries by 95% and enhancing trust, transparency, and satisfaction. Collaborated with enterprise and cloud architects to ensure scalable, future-proof architectures aligned with strategic objectives, ultimately improving operational efficiency and the overall customer experience.

**Tools:** GKE, NodeJS, Terraform, Istio, Helm, Cloud SQL, Cloud Storage, Github, Jenkins.

- Conducted comprehensive customer call listening sessions and leveraged the insights to shape the product development roadmap, working closely with the Product Owner to prioritize features that enhanced customers' financial well-being and user experience.
- Demonstrated strong leadership by overseeing daily technical stand-ups, coordinating with cross-functional teams, swiftly resolving technical obstacles, and ensuring on-time delivery of mission-critical initiatives.

- Mentored two software engineering apprentices through structured guidance, regular code reviews, and best-practice sharing, fostering a culture of continuous learning, professional growth, and operational excellence.

## **SENIOR SOFTWARE ENGINEER** – me-cash

**JUN. 2023 – SEP. 2023**

**Achievements:** Played a pivotal role in shaping a new fintech product by leveraging user feedback to refine features and deliver an intuitive, seamless user experience. Enabled rapid and efficient iterations in a fast-paced start-up environment through innovative development approaches.

**Tools:** React Native, Next.js, Jotai, TanStack Query, TailwindCSS, Firebase, Bitbucket, Figma, Lighthouse.

- Utilized React Native for mobile app development and Next.js for web applications, ensuring cross-platform compatibility and user-friendly interfaces.
- Collaborated with the product team in design and technical brainstorming sessions, aligning development with evolving customer needs and insights.
- Refined application features based on continuous user feedback to meet business goals and enhance customer satisfaction.

## **SENIOR SOFTWARE ENGINEER** – Transition Technologies

**DEC. 2021 – FEB. 2023**

**Achievements:** Leveraged user feedback to optimize an event-driven architecture, significantly improving message processing through Kafka and Azure EventHub. This reduced message loss by over 95%, enhancing system reliability and scalability.

**Tools:** Express.js, NestJS, Kafka, MQTT, Nginx, Azure EventHub, Jest, Azure DevOps, Terraform, Docker, Grafana.

- Designed and implemented enhancements to an event-driven system, leveraging Kafka and Azure EventHub to improve scalability and reliability.
- Conducted end-to-end and unit testing using Nock, Jest, and Frisby, ensuring system reliability and maintaining high-quality standards.
- Monitored and resolved cloud application incidents, contributing to operational stability, and reducing downtime.
- Collaborated with cross-functional teams to deploy and maintain cloud-native applications on **Azure**, ensuring seamless integrations and performance optimization.

## **SOFTWARE ENGINEER** – dingdong AB

**JUL. 2021 – NOV. 2021**

**Achievements:** Developed mobile grocery shopping and delivery applications using React Native and Firebase, enhancing the overall user experience and increasing user retention by approximately 15%. Improved operational efficiency by designing a responsive admin dashboard with integrated reporting capabilities (React, Redux, JavaScript, Bootstrap), reducing administrative overhead by about 25%, cutting report-generation time by 30%, and accelerating decision-making cycles by nearly 20%. Leveraged analytics and business intelligence tools to turn data into actionable insights, ultimately increasing platform stability and customer satisfaction by an estimated 10%.

**Tools:** Node.js, Express.js, React Native, Firebase, React, Redux, Bootstrap, Stripe, Bitbucket, Storybook

- Built and maintained scalable, performant web and mobile applications leveraging modern frameworks and tools.
- Conducted feature iterations and quality assurance testing to ensure alignment with user needs and objectives.
- Integrated RESTful APIs for seamless data flow, improving platform stability and interoperability.

- Implemented secure payment processing through Stripe, enhancing user trust and transaction efficiency.
- Collaborated with cross-functional teams to deliver high-quality, user-centric solutions.

## **SOFTWARE ENGINEER** – International Breweries Plc, AbInBev **JUL. 2020 - NOV. 2021**

**Achievements:** Increased product sales by over 70% by developing a robust backend system for the BeerCommerce platform, enabling secure and efficient order processing, and driving significant revenue growth. Streamlined operations during the COVID-19 pandemic by automating key processes using Node.js and Express.js, reducing manual effort, and boosting efficiency.

**Tools:** Node.js, Express.js, SQL, Shell Scripting, React, JavaScript, Azure Static Web Apps, GitHub.

- Designed and developed backend APIs using Node.js and Express.js to support the e-commerce platform's functionality, ensuring reliability and scalability.
- Developed an email microservice for responding to contact forms submitted by users across various brand websites of the company, improving response times and customer engagement.
- Collaborated with cross-functional teams to integrate the platform with Azure Static Web Apps and delivered a user-friendly frontend using React, Redux, and JavaScript.

## **EDUCATION & CERTIFICATIONS**

- **Google Cloud Platform Associate Cloud Engineer** (2023)
- **Master of Science in Big Data Technologies** (M.Sc.) (2023), Glasgow Caledonian University.
- **AWS Certified Cloud Practitioner** (2021)
- **Bachelor of Science in Computer Science** (B.Sc.) (2020), Babcock University.

## **PERSONAL PROJECTS**

### **Road Surface Anomaly Profiling Pipeline**

Designed and developed a scalable streaming pipeline using PySpark on Databricks, MongoDB, and time-series feature extraction with a combination of three (3) trained supervised machine learning models, making it capable of profiling the road network of a fairly sized city within minutes using crowdsourced mobile phone accelerometer data.

### **Resume Doggy**

Developing a resume creation platform that enables job applicants to craft and tailor resumes for specific roles, featuring free AI-powered rewording to assist candidates needing resume writing support. Built with Next.js and Tailwind for the frontend (deployed via Vercel) and NestJS for the backend (deployed via Google Cloud Run), with MongoDB Atlas, Secrets Manager, and JWT authentication with refresh tokens ensuring secure data handling.