ABDUL MOIED BABAR

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Authorized to work in the UK - No sponsorship required • Willing to relocate to London

PROFESSIONAL SUMMARY

Accomplished Founding Engineer with 8+ years of expertise taking startups from zero to launch across fintech, health-tech, and AI-powered platforms. Proven track record as sole engineer building scalable, production-ready applications that secured £50M+ in funding rounds with deployments to elite clients including Real Madrid and Olympic athletes. Full-stack specialist with deep proficiency in React Native, React, Node.js, Python, and cloud technologies (AWS, Azure, GCP), with extensive experience in AI/ML applications using LangChain, RAG architectures, and Computer Vision APIs. Expert at wearing multiple hats—from architecture to deployment—shipping products that work under tight deadlines and resource constraints. I build MVPs that scale.

SKILLS

Languages: JavaScript, TypeScript, Python, Java

Frameworks & Libraries: React, React Native, Node.js, FastAPI, Flask, Django, Express.js, Next.js, Swift, SwiftUI, pandas, numpy

Databases: PostgreSQL, MongoDB, Redis, Supabase, Firebase, DynamoDB

Cloud: AWS, Azure, GCP

AI & Development Tools: LangChain, LangGraph, RAG (Retrieval-Augmented Generation), Google Computer Vision APIs, AI-assisted development (Claude Code, Cursor), Rapid MCP, Latitude, Gamma, OpenAI Playground, Docker, CI/CD, Git, Xcode, Android Studio, Figma

WORK HISTORY

Senior Software Engineer & Founding Engineer, 08/2023 - Current
Theo Health - London, London

- Sole Founding Engineer building sports-tech startup from zero to launch, securing £1M+ funding from ex-investment bankers and Olympic gold medallist Xander Schauffele, making every architectural decision from database schema to deployment pipeline
- Architected and built entire product stack including smart compression shorts with IMU sensors, mobile apps (React Native), backend infrastructure (Python/FastAPI), and real-time data processing of 104Hz sensor data, handling end-to-end product development
- Delivered biomechanical analysis platform to 6 professional athletes and Real Madrid women's team within tight deadlines, iterating rapidly based on direct feedback from health professionals and sports scientists to achieve product-market fit
- Orchestrated cloud migration from AWS to GCP and backend transition from Laravel PHP to Node.js while maintaining zero downtime, demonstrating versatility across multiple technology stacks

React Native Engineer, 08/2021 - 11/2021

Shares.io - London, London

- Joined as early engineer during MVP phase following $10M seed round, contributing to Europe's first social investing platform that secured $40M Series A led by Valar Ventures (Peter Thiel's firm) within 9 months
- Built core trading features and portfolio management interfaces from scratch, shipping MVP to App Store and Google Play across European markets within aggressive deadlines, contributing to rapid user growth to 500K+ users
- Implemented secure authentication and real-time stock trading functionality in regulated financial services environment, working directly with AWS backend services and Node.js APIs with minimal guidance
- Demonstrated startup agility delivering features under high pressure that directly contributed to $50M total funding rounds in less than a year

Mobile Engineer, 06/2022 - 02/2023
Hero - London, London

- Built AI-powered fitness assessment platform as early team member during critical MVP development phase securing £1M+ government funding, developing React Native app with Python/FastAPI backend from initial concept
- Implemented Google Computer Vision APIs for smartphone-only VO2 Max assessment and workout form analysis, architecting scalable AWS serverless infrastructure (Lambda, S3, DynamoDB) supporting real-time AI model inference
- Shipped commercial app to App Store and Google Play through rapid iteration cycles, working directly with stakeholders to validate product-market fit and achieve successful launch
- Demonstrated technical versatility building full-stack solution with minimal resources, from mobile UI to backend ML pipelines

Consultant, 02/2023 - 07/2023
Synechron - London, London

- Led technical coordination for major U.S. healthcare client, architecting comprehensive ride-sharing platform from requirements to deployment including React web platform, React Native mobile apps, and Node.js/PostgreSQL backend
- Delivered HIPAA-compliant healthcare-tech solution across multiple platforms using Xcode, Android Studio, and Figma, ensuring secure patient data handling and regulatory compliance
- Worked directly with client stakeholders to translate business requirements into technical solutions, demonstrating strong product ownership and communication skills

EDUCATION

Bachelor's degree: Software Engineering (Computer Science), 05/2022
University of Bedfordshire - Bedfordshire

CERTIFICATIONS AND LICENSES

- 5 Day Coding Challenge - Code Institute
- Front End Development Libraries - FreeCodeCamp

- 5 Day Coding Challenge - LeWagon
- Product Management Certification - Product School
- Bootcamp DataScience and AI - LeWagon