

LUKA DODELIA

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SENIOR FULL-STACK ENGINEER | AI-INTEGRATED APPLICATIONS

Founder-engineer and Full-Stack Lead with 15 years shipping production web and mobile systems for the World Bank, World Food Programme, and major financial institutions. Founded two ventures from zero, integrated AI-powered workflows into production financial platforms, and built React Native apps Apple featured for exceptional design, adopted by thousands of users across iOS.

CORE COMPETENCIES

Full-Stack Development • React • React Native • Node.js • TypeScript • JavaScript • Python • RESTful APIs
• AI-Powered Features • Intelligent Automation • Serverless Architecture • PostgreSQL • MongoDB • MySQL • Cross-Platform Mobile Applications • Product Lifecycle Management • Microservices • Docker • Kubernetes • AWS • GCP • Azure

PROFESSIONAL EXPERIENCE

CONNECTED FINANCIAL SOLUTIONS UK LIMITED

2022 – 2025

Lead Engineer (Hands-On Full-Stack), London, UK

As Lead Engineer, built and owned a comprehensive financial platform for US and UK banking clients, managing the complete product lifecycle from prototyping through production.

- Delivered secure loan management solutions covering land, equipment, and term loan products.
- Integrated Typescript-based AI workflows into core financial processing pipelines, improving system automation and throughput.
- Collaborated with stakeholders to translate business requirements into reliable, production-grade systems.

LUMALOGISTICS PLATFORM

2020 – 2022

Founding Engineer (Full-Stack), Pennsylvania, USA

Co-founded and led technology strategy for a logistics platform serving truckers and dispatchers across the United States.

- Developed a React Native mobile application achieving a 4.7/5 app store rating, adopted by 5,000+ truckers and dispatchers on iOS.
- Built a salary calculation tool that empowered truckers to optimize routes, generating \$1,000–\$5,000 in annual income increases per user.
- Shipped a paperless logistics system reducing cargo mismanagement and administrative costs.
- Mentored 20 dispatchers and logistics managers, implementing data-driven route optimization that improved delivery efficiency.

PICKTEK

2009 – 2020

Lead Engineer (Hands-On Full-Stack), Tbilisi, Georgia

Progressed from high school intern to Lead Engineer, shipping 58 full-stack+ products for clients including the World Bank, World Food Programme, major financial institutions, and telecom providers.

- Mentored 10 junior engineers; 80% advanced to senior engineering roles within three years.
- Led an 8-person engineering team building and maintaining applications serving 100,000+ international users.
- Drove microservices adoption, achieving a 5x scalability improvement and a reduction in deployment time.
- Directed hundreds of end-to-end product deliveries across web, mobile, and enterprise platforms.

Key Projects Under PickTek:

NovuGens Pension Management — Select Project (*concurrent client engagement*) **2018 – 2021**

Lead Engineer (Full-Stack), Washington, D.C., USA

- Created a UX-focused mobile application for retirees achieving a 95%+ user satisfaction rate, validated through usability testing with approximately 3,000 seniors.
- Published an application actively serving 30,000 retirees+.
- Reduced client administrative costs through an analytics dashboard for pension fund management.
- Implemented GDPR-aligned security protocols for all sensitive financial and personal data.

AlienGreen IoT Smart Home — Select Project (*independent engagement*) **2017 – 2019**

Founding Engineer (Full-Stack), Tbilisi, Georgia

- Co-founded an IoT venture and delivered the complete full-stack solution, web application, e-commerce platform, and mobile app, serving thousands of local users.
- Apple featured the mobile applications, rated 4.8/5 across platforms, for design and accessibility.
- Built infrastructure that scaled from 5 test devices to thousands of production units.

WORLD FOOD PROGRAMME (WFP) **2013 – 2017**

Senior Engineer, Rome, Italy

- Built and maintained large-scale web properties and internal analytics platforms, including wfp.org, for one of the world's leading humanitarian organizations.
- Supported concurrent high-priority initiatives across a globally distributed engineering organization using PHP, Drupal, and JavaScript.

LOCAL BANK **2010 – 2013**

Junior Engineer, Tbilisi, Georgia

- Developed a mobile application consolidating the bank's full suite of customer services into a single platform.

HONORS & ACHIEVEMENTS

Apple App Store Featured Developer **(2019)**

- Apple featured my applications for their exceptional design and accessibility, serving diverse users including seniors.

Research Contributor, High Complex Topology Research Project, Tbilisi State University (2013–2015)

- Co-authored a theorem proof executed on German supercomputing infrastructure.

EDUCATION

B.S. in Computer Science and Engineering, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia
(2011–2016, Specialized in Advanced Algorithms, Distributed Systems, and Complex Network Topologies.