Nikolajs Lozko

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with experience building scalable reporting and analytics platforms in agile, cross-functional teams. Experienced with React.js, Python, SQL, and Java-based systems, including contributing to microservice architectures. I focus on writing clean, maintainable code and optimizing performance. I'm driven by solving real-world problems and continuously learning. I enjoy building thoughtful, user-focused products and working closely with others to bring ideas to life.

EXPERIENCE

Software Engineer Full Stack   Aug 2023 – Present
KPMG   *Dublin, Ireland*
    Designed and developed scalable full-stack financial reporting tools using React, Python, and SQL.

    Part of the team that integrated microservices to enhance performance, resulting in a 60% increase in user productivity.

    Collaborated cross-functionally to deliver maintainable, business-critical features at scale.

Software Engineer Intern   Mar 2022 – Sept 2022
TEAMWORK.com   *Cork, Ireland*
    Contributed to improving services and enhancing iOS mobile app functionality within an Agile team, including bug fixes.

    Played a key role in developing an internal chat app, successfully released to over 12,000 users.

IT and Computer Engineer Level 1   Jun 2021 – Oct 2021
PFH Technology Group   *Cork, Ireland*
    Assisted in cybersecurity operations for the HSE and Irish Defence Forces.

    Conducted audits and helped secure infrastructure for government clients.

IT Support   Feb 2019 – Sept 2022
UCC Boole Library   *Cork, Ireland*
    Provided technical support for library systems, hardware, and users across campus.

Officer Cadet   Sept 2016 – Jan 2018
Irish Naval Service   *Cork, Ireland*
    Developed leadership, logistics, and operational communication skills.

VOLUNTEER EXPERIENCE

Volunteer – Homeless Outreach   June 2021 – October 2022
Cork Volunteer Centre   *Cork, Ireland*
    Support outreach programs providing resources to local homeless communities.

PROJECTS

Community Cloud for Knowledge Sharing   May 2023
Cloud Learning Platform   *React.js, Node.js, AWS, MongoDB*
    Built a secure, scalable platform for peer-to-peer learning and knowledge exchange.

    Implemented real-time content tracking and user progress analytics.

ProjectBuild   Oct 2020
Workout Diary App   *Swift, UIKit, CoreData, Firebase*
    Developed a mobile workout tracker with cloud-based storage and user goal tracking.

TECHNICAL SKILLS

Programming Languages: Python, Swift, Java, JavaScript, TypeScript, SQL, C++, Go, .NET, Bash

Frontend Development: React.js, SwiftUI, UIKit Redux, Next.js, HTML5, CSS3, Sass

Backend & Frameworks: Django, Flask, Java EE, Spring Framework, Node.js, Express.js, RESTful APIs, Microservices

AI/ML & Data Technologies: Scikit-learn, OpenAI API, Semantic Search, Apache Druid, Elasticsearch, PostgreSQL, MongoDB, MySQL, DynamoDB, Firebase

Cloud & DevOps: AWS, Docker, Supabase, Kubernetes, Git, GitHub Actions, GitLab, Bitrise, Jenkins, LaunchDarkly, CI/CD

Developer & Collaboration Tools: Postman, Figma, Jira, Confluence

EDUCATION

University College Cork   Cork, Ireland
B.Sc. in Computer Science   *Sept 2019 – May 2023*