

# Nikolajs Lozko

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## PROFESSIONAL SUMMARY

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Software Engineer Full Stack with experience building scalable reporting and analytics platforms in Agile teams. Skilled in React.js, Python, SQL, and microservices, with a strong interest in data-driven products and performance optimization. Values clean, maintainable code and thrive in fast-paced, collaborative environments where engineering decisions make a real impact.

## EXPERIENCE

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### Software Engineer Full Stack

KPMG

Aug 2023 – Present

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

TEAMWORK.com

Mar 2022 – Aug 2022

Cork, Ireland

Improved backend services and iOS mobile app functionality as part of an Agile team.

Led development of an internal chat app released to over 12,000 users.

### IT and Computer Engineer Level 1

PFH Technology Group

Jun 2021 – Oct 2021

Cork, Ireland

Assisted in cybersecurity operations for the HSE and Irish Defence Forces.

Conducted audits and helped secure infrastructure for government clients.

### IT Support

UCC Boole Library

Feb 2019 – Sept 2022

Cork, Ireland

Provided technical support for library systems, hardware, and users across campus.

### Officer Cadet

Irish Naval Service

Sept 2016 – Jan 2018

Cork, Ireland

Developed leadership, logistics, and operational communication skills.

## VOLUNTEER EXPERIENCE

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### Volunteer – Homeless Outreach

Cork Volunteer Centre

June 2021 – October 2022

Cork, Ireland

Support outreach programs providing resources to local homeless communities.

## PROJECTS

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### Community Cloud for Knowledge Sharing

Cloud Learning Platform

May 2023

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

Workout Diary App

Oct 2020

Swift, UIKit, CoreData, Firebase

Developed a mobile workout tracker with cloud-based storage and user goal tracking.

## TECHNICAL SKILLS

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**Languages:** Python, Java, JavaScript, SQL, C++, Go

**Developer Tools:** Postman, Docker, Kubernetes, Figma, Jira, Confluence, AWS, Git, GitHub Actions, GitLab, LaunchDarkly, Bitrise

**Technologies/Frameworks:** React.js, Node.js, Next.js, Spring Framework, Elasticsearch

**Databases:** MongoDB, SQL, PostgreSQL, MySQL, DynamoDB, Firebase

## EDUCATION

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### University College Cork

B.Sc. in Computer Science

Cork, Ireland

Sept 2019 – May 2023