Nikolajs Lozko

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PROFESSIONAL SUMMARY

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

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 — Jan 2022 – Sept 2022
TEAMWORK.com — *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 — 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, Java, JavaScript, SQL, C++, Go

Frontend Development: React.js, Redux, Next.js, HTML5, CSS3

Backend Frameworks: Spring Framework, Node.js, RESTful APIs, Microservices, Express.js

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

Developer Collaboration Tools: Postman, Figma, Jira, Confluence

Databases Data Technologies: MongoDB, PostgreSQL, MySQL, DynamoDB, Firebase, Apache Druid, Elasticsearch

EDUCATION

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