

Nazareth Keshishian

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ABOUT ME

Senior Release Engineer with 5+ years of experience designing and operating organization-scale CI/CD, release, and reliability platforms. Proven track record of owning cross-team release systems, automating critical workflows, and improving deployment safety, velocity, and operational efficiency across large engineering organizations. Strong background in DevOps, automation, and production reliability with a focus on scalable, low-risk systems.

EXPERIENCE

Senior Release Engineer

Picsart

July 2020 - Present, Yerevan, Armenia

- Led the design, implementation, and evolution of organization-wide CI/CD and release platforms, supporting hundreds of developers and multiple production products.
- Owned end-to-end release reliability, defining standards, enforcing best practices, and ensuring safe, predictable deployments across teams.
- Designed and rolled out an AI-assisted automated code review platform adopted across repositories, standardizing review quality, reducing reviewer load, and shortening feedback cycles while remaining non-blocking by default.
- Migrated and modernized CI pipelines (including large-scale transitions such as Jenkins → GitLab CI), delivering improvements with zero release disruption.
- Built automated deployment packaging and release workflows to improve consistency, scalability, and operational confidence.
- Implemented release health monitoring and alerting using Bugsnag, Firebase Crashlytics, and Android Vitals, significantly improving visibility into production stability.
- Engineered automated crash triage and assignment systems, improving ownership, resolution time, and release quality for mobile platforms.
- Streamlined mobile app submission processes by integrating App Store Connect APIs, Google Play Console APIs reducing manual effort and submission turnaround time.
- Developed internal automations and integrations (Slack, GitHub/GitLab, Jira) to reduce operational friction and improve release transparency.
- Acted as a cross-team technical partner on release strategy, CI/CD architecture, and operational excellence beyond immediate team scope.

Lead Developer

FindUrDoc.

February 2019 - July 2020, California, USA

- Designed a dynamic database and responsive website interface for streamlined user interaction.
- Developed and implemented user interface design for the application, leveraging Ionic framework for cross-platform compatibility on Android and iOS.
- Coordinated and managed all software releases for the application, ensuring timely deployment.

Full-Stack Developer

3Ds DataCOM

June 2019 - July 2019, Beirut, Lebanon

- Built several dynamic websites for clients using different web technologies.
- Built financial and stock reporting systems for companies.

PROJECTS

Thesis - Bitcoin Falcon

Lebanese American University • October 2023 - May 2024

- This project aims to enhance the security of Bitcoin Core by integrating the Falcon lattice-based digital signature algorithm into the Bitcoin Core.
- Falcon is designed to provide post-quantum security, safeguarding the Bitcoin network against potential quantum computing threats.

Consultation Project

Freelance · January 2023 – March 2023

- A react-native mobile application designed to connect users with experienced and knowledgeable consultants who can help them navigate the challenges of everyday life.

Math Problem Solving Application

March 2020 – May 2020

- A mobile application that captures a mathematical equation and shows its solutions with steps and graphs.

Network Intursion Detection System

Lebanese American University · January 2020 – May 2020

- A system that correctly detects an attack from an incoming connection (Used KDD Cup 99 dataset).
- Used Logistic Regression, Support Vector Machine (SVM), Decision Trees and Random Forests.

Influence Maximization on a Social Network

Lebanese American University · January 2020 – March 2020

- Used Message Passing Interface (MPI) in order to find a subset of users in a social network that have the maximum influence.

Client-Server File-Sharing Application

Lebanese American University · January 2019 – March 2019

- TCP application programmed in JAVA.

Medical Center Database Management System

Lebanese American University · January 2018 – March 2018

- Used PHP and MySQL to design and develop an online appointment system for patients.

EDUCATION

M.S. in Computer Science with a Specialization in Computer Security

Lebanese American University · Beirut, Lebanon · 2024 · GPA 3.73

Bachelor of Computer Science

Lebanese American University · Beirut, Lebanon · 2020

CERTIFICATIONS

Cyber Security Training

Picsart Academy · 2023

- Trained in penetration testing and exploitation, with practical experience in applying security principles to assess vulnerabilities.

INVOLVEMENT

Teaching Assistant in Computer Lab

Lebanese American University · August 2019 – December 2019

- Provided guidance and assistance to students enrolled in the Design and Analysis of Algorithms course, fostering their understanding of complex algorithms and problem-solving techniques.

Scouts Movement

2002 – 2021

SKILLS

Software: Node JS, Typescript, Python, JAVA, SQL, noSQL, CI/CD, Object Oriented Programming, Cryptography

Field of Interest: Cybersecurity, Stocks, Gaming