

# ELKHAN SHARSHENBEKOV

## Full stack Developer

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## SUMMARY

Full Stack Developer with over 2 years of experience in Java/JS, Angular, Vue, React, Python, NumPy, SciPy, Scikit-learn. Led development of \$500K research project which was deemed a "gold standard" by the client. Increased client's revenue 2-fold after fine-tuning AI/ML-based algorithms. Well-acquainted with HR methodologies.

## EDUCATION

Undergraduate in Computer Science

Issyk-Kul State University named after K. Tynystanov

2022 - Present Kyrgyzstan, Karakol

GPA

3.9 / 4.0

## EXPERIENCE

Frontend Developer

Boyle

2018 - 2019 San Francisco, CA

Boyle is an international Technology and Management Consulting Group with a rapid pace development and innovative solutions for demanding projects. I work as a full-stack developer here, responsible for building, deploying and maintaining internal web applications.

- Hired, trained and leading an Agile team of 7 full-stack developers
- Developed indexed database architecture using SQL procedures and triggers for 10 different applications
- Worked with Core Java to develop automated solutions to include web interfaces using HTML, CSS, JavaScript and Web services
- Worked with a committee of 6 members to organise fun-activities for the employees

Frontend Developer

Lauzon

2019 - 2021 San Francisco, CA

Lauzon is a universal digital loyalty program that offers unique and fun rewards at the places you love.

- Hired, trained and lead Agile team of 7 full-stack developers
- Simultaneously created & maintained scheduled jobs in SQL Server for space maintenance and daily backups of system and user databases for 10 clients
- Increased company revenue by 30% within 2 months after developing and implementing business logic for over 20 features
- Designed and Developed UI design for over 15 clients using CSS, HTML, ASP.NET, Vue, and React; websites scoring over 85 on Lighthouse

Full Stack Developer

Keeling Group

2022 - 2023 Palo Alto, CA

Keeling Group is a leading Digital Product Studio in California, helping companies to thrive on mobile apps, the web, VR/AR and IoT.

- Shortened project timeline by 14 months for company's largest customer by managing relationship with 3rd party vendors, saving over \$800K
- Led development of \$500K research project which was deemed a "gold standard" by the client
- Fine-tuned and developed AI/ML-based algorithms based on the results with Scikit-learn, increasing revenue 2-fold
- Performed Web Scraping over a catalog of 100K+ school supply products using mainly NodeJS and MongoDB; completed in 1 month

## SKILLS

### Client-Side

NextJS

React Vite

Redux

JavaScript

TypeScript

HTML

SCSS

Framer Motion

SVG

Adaptive layout

Cross-browser layout

### Server-side

NodeJS

MySQL

MongoDB

AWS

Firebase

### Development & Operations

JUnit

NUnit

PyUnit

TestCafe

Mocha

Jest

Scrum

Agile

GIT

Azure DevOps

## PROJECTS

OpenFlow based Firewall

08/2022 - Present Kyrgyzstan, Bishkek

https://github.com/Elkhan2003/Next-Dentist

OpenFlow protocol-based proactive Firewall in NextJS and NodeJS.

- Configured static rules using Telegram Bot
- Engineered proactive rule evaluation system at OSI layer 7 using POX controller
- Provided flexibility to configure rule using centralised NodeJS based GUI

## LANGUAGES

Kyrgyz language

Native

English

Intermediate

Russia

Native