



# Nikita Semenov

## Contact

**Address**  
Tomsk, Tomsk Region, 634003

**Skype ID--Let's chat via this**  
live:.cid.cf6dab60f7b6fb8

**Email**  
strike10310522@gmail.com

**Profession**  
Full-Stack And Blockchain Developer

Skills	
React.js	Excellent
Laravel	Excellent
PHP, JavaScript	Excellent
CMS, CRM	Excellent
Blockchain	Very Good
Machine Learning	Very Good
C++, C#, Python	Excellent
Unity	Very Good
Node.js	Excellent

## Professional Summary

I am senior software engineer with holistic knowledge of software development and design.  
I am also experienced in coordinating with stakeholders.  
Certified in both F/E and B/E technologies

## Work Experience

10/2020-8/2021

**RociFI --Liquidity Network in Switzerland**

- Project Manager
- reactjs, blockchain, smartcontracts, cryptocurrency, solidity, nft, hardhat, truffle, web3js

Liquidity protocol that provides lending, borrowing function with liquidity provide

- GitHub: <https://github.com/strike1031/LiquidityPlatform>

Tech-stack: Smart Contracts / Solidity / Hardhat

As a smart contract developer, I developed Pools and Synth for ERC20 protocol smart contracts using Solidity on Hardhat. And make testcase using Jest for smart contracts developed myself and others. As a problem solver, I solved plenty of issues on security side and gas optimization on contract relationship and code quality .

1/2018-12/2020

**Maxos LLC --Maxos in United States**

- Full Stack Developer
- reactjs, web3, web3js, smartcontracts, solidity, hardhat

Accelerating investor engagement yield farming DApp

- Web(company): <https://www.maxos.studio/>

GitHub: <https://github.com/strike1031/LaunchPoolTrackerPlatform>

Tech-stack: Web (React.js / Redux-Saga + Web3.js + Smart Contracts / Solidity / Hardhat)

- As a Full stack developer, I planned the smart contracts structure with separated contracts and Escrow contracts for security and audit and developed mainly part in smart contracts using Hardhat environment in Solidity.

And integrate contracts into FE using Web3.js and Metamask connection into React.js based project

1/2018-3/2020

**Vader Servicing LLC**

- FrontEnd Developer
- smartcontracts, solidity, hardhat

Liquidity protocol that combines a collateralized stablecoin with liquidity pools

- Web: <https://vader-dapp.vercel.app/>

GitHub:<https://github.com/strike1031/VaderProtocol> Tech-stack: Smart Contracts / Solidity / Hardhat

- As a smart contract developer, I developed Pools and Synth for

ERC20 protocol smart contracts using Solidity on Hardhat. And make testcase using Jest for smart contracts developed myself and others. As a problem solver, I solved plenty of issues on security side and gas optimization on contract relationship and code quality

3/2017-2/2020

### **Kamermans Holding**

- Project Manager
- reactjs, laravel, web3js, smartcontracts, solidity

Decentralized Exchange Platform where companies registered in the Caribbean can list ERC-20 tokens.

- Web(Company): <https://kamhol.com> Web: <https://calahex.com>

GitHub: [https://github.com/strike1031/Calahex\\_FrontEnd](https://github.com/strike1031/Calahex_FrontEnd)

Tech-stack: Web-CeFI (React.js / Redux-Thunk + Laravel), Web-DeFI(React.js + Web3.js + Smart Contracts)

- As a lead developer, I have designed architecture & DB & UI/UX from scratch with my last experience above myself.

I have also suggested and implemented AI based financial solutions to avoid risk from high-changing price of cryptocurrency pairs.

And I have developed smart contracts for ERC-20 tokens exchange and management.

I recommended my team members (talented & well-experienced developers) on this project and lead them as a PM to archive completion of CALAHEX v1.0

12/2016-7/2018

### **Designhubz**

- Project Manager
- wordpress, three.js, unity3d

AR & 3D model product based eCommerce store

- Web: <https://designhubz.com> Tech-stack: Web (Wordpress + Three.js +Unity)

- As a full stack developer, I developed VR based UI for each 3D products using Three.js with the function - zoom, move, rotates and make able to change 3D product color not only entire product but also partial color as clients want. And also developed Unity engine for AR based 3D product management

4/2017-12/2017

### **Africunia Bank**

- Project Manager
- react.js, ruby-on-rails, react-native, smartcontracts, solidity, web3js

AFCASH Banking platform using cryptocurrencies and ERC-20 & TRC-20 tokens

- Web(Company): <https://www.africunia.org>

Web: <https://www.excoincial.co> Mobile(Android):

<https://play.google.com/store/apps/details?>

id=com.africunia.afcashwallet&hl=en

GitHub: <https://github.com/strike1031/ExcoincialPlatform>

Tech-stack: Web (React.js +

Ruby on Rails + Smart Contracts + Web3.js), Mobile (React Native)

- As a lead developer, I have upgraded entire ongoing banking platform v1.0 into v2.0. New features of version 2.0 are integrate ERC-20 & TRC-20 tokens with smart contract using solidity into ongoing platform (only use BTC, BCH before) and upgrade frontend into Vue.js integrating smart contract using web3.js. I provide solution to improve UI/UX design to let newly users can realize and use our platform much more easier by implement AI based high profit experienced client mirroring function. And make trading UI much simpler than v1.0

10/2015-2/2017

### **Nano Foundation**

- Full Stack Developer
- c++, rust

Direct acyclic graphs(DAG) to settle transactions across the network

- Web: <https://nano.org/>

GitHub:[https://github.com/strike1031/Nano\\_Cryptocurrency](https://github.com/strike1031/Nano_Cryptocurrency)

Tech-stack: Node / C++, Server / Rust

- As a Full stack developer, I developed transaction based network protocol and DAG ledger using C++. And I developed the backend for network server using Rust for user admin and transaction history, network security part

2/2012-10/2014

### **Dermoi**

- Full Stack Developer
- vue.js, Nuxt.js, django, python, TensorFlow, react-native

Face feature detection based mark-up & treatment website

- Web: <https://dermoi.com> Mobile(iPhone):

<https://apps.apple.com/us/app/dermoi-therapist/id1400669843>

Tech-stack: Web (Vue.js / Nuxt.js + Django +

Python /TensorFlow), Mobile (React Native)

- As a full stack developer, I have developed face feature detection engine using

Python TensorFlow integrate into platform so let clients can detect their face features automatically from their

image and order with correct treatment and mark-up plan. And I

upgraded ongoing platform UI into Vue.js /

Nuxt.js from normal bootstrap theme based UI

4/2012-2/2014

### **Nisheskin**

- Full Stack Developer
- wordpress, react-native, python, opencv

Website and Mobile application for monitoring the condition of the skin

- Web: <https://nisheskin.wordpress.com>

Mobile:<https://play.google.com/store/apps/details?id=nishe.skin.tracker>

<https://apkpure.com/developer/Matej%C5%BD>

GitHub:<https://github.com/strike1031/NisheskinPlatform> Tech-stack: Web (Wordpress), Mobile (React Native + Python / OpenCV)

- I developed image processing engine using Python / OpenCV to detect skin condition from the image and calculate proper treatment method engine using Python. And develop hybrid mobile application using React Native and make Advertisement website using Wordpress.

11/2010-10/2011

### **ControlTrack**

- Full Stack Developer
- As a full stack developer, I developed python engine to detect the vehicles from live camera
- Web: <https://www.controltrack.com.mx/>

GitHub:[https://github.com/strike1031/Detect\\_Vehicle\\_type\\_and\\_counting\\_with\\_livecam\\_Python](https://github.com/strike1031/Detect_Vehicle_type_and_counting_with_livecam_Python)  
Tech-stack: Vue.js / Vuex + Golang + Python / TensorFlow - Yolo

## **Education**

---

09/2005-05/2009

### **National University of Singapore**

- Bachelor of Science
- Faculty: Data Science And Economics

## **Languages**

---

English — Advanced

Other — Working knowledge