

# Dimitar Danailov (a.k.a Mitco)



Telephone number: +359883444295

Website: <https://ddanailov.dev>

Email: [dimityr.danailov@gmail.com](mailto:dimityr.danailov@gmail.com)

[Linkedin Profile](#) | [Stack Overflow](#) | [Github Profile](#) | [Gist Profile](#) | [Codewars Profile](#)

[Recommendation Letters](#)

Front - end profiles and activities

- [https://medium.com/@d\\_danailov](https://medium.com/@d_danailov)
- <https://www.webcomponents.org/author/dimitardanailov>
- <https://bl.ocks.org/dimitardanailov>

## *My Story and superpowers*

My professional journey began twelve years ago. For these years I “visited” a significant amount of kingdoms. My roles were: “Warrior” (backend developer), “Engineer” (front - end developer), “Magician” (team leader and software architect), “The assassin” (freelancer / remote contractor) and even the “main officer” (CTO).

When I worked as a warrior. I wrote a significant amount of scripts which automated some boring, repetitive tasks for my stakeholders and the end - users.

To be an engineer is an awesome job because your main focus is creating beautiful and helpful ui components. The components reduce the main pain for each system: Filtering data, Adding data, Updating Data, Data Visualization.

The magician role was a tough and motivational task. My leadership skills cut the deadlines, improved code quality and the final result was: strong and long partnership.

My skills as an assassin increased the company revenue. I’m not afraid to work until midnight. I’m confident to work if the deadlines are urgent.

## *Career accomplishments*

[Propine](#)

**Company:** [Propine](#) is a regulated custody and digital assets services provider for enterprises. Future proofing your institutional crypto needs

**Role:** Staff Engineer, Full Time, Remote

**Period:** Sep, 2021 - Present

**Responsibilities:**

As a staff engineer: My responsibilities are to lead architecture discussions. My accomplishments are:

- Algorand as a payment provider. Playground repo:  
<https://github.com/dimitardanailov/ddanailov/tree/master/website/demos/algo-test-playground>.  
Articles: [Create an Account on Algorand with Javascript \(Web3\)](#) and [Payment Transactions with algorand and web3](#)
- Binance as a payment provider
- Xero is responsible for reconciliation of all fiat transactions. Playground repo:  
<https://github.com/dimitardanailov/ddanailov/tree/master/website/demos/xero-test-ground>
- <https://www.merklescience.com> is our blockchain firewall
- OpenSearch is used to store all user transaction log events.

**Technologies used:** Blockchain, Web3, eth.js, AlgorandSDK, Cardano SDK, XRP SDK, Soland SDK, Avalanche SDK, Web, Elasticsearch and OpenSearch, Xero SDK, <https://www.merklescience.com>, Ruby on Rails, Nodejs, Typescript, Terraform, Azure pipelines, Docker

[ElephantStock](#)

**Company:** [Elephantstock](#) is a top-rated online art gallery. It is our mission now, and always, to bring you wonderful, high-quality products that you can enjoy in years to come. We constantly enrich our catalog with exclusive canvas prints, original artworks, special layouts, and more innovative products and services.

**Role:** Software Engineering Manager, Full Time, Remote

**Period:** Sep, 2020 - Apr, 2021

**Manager Feedback:**

"Dimitar worked on our flagship project (ecommerce product categorization system) and managed to deliver high quality solutions for complex tasks, including color quantization, multilevel (tree structure) product categorization system, and catalog indexing for search engines, from research to planning and implementation. He is a fast learner and always eager to enrich his and his team knowledge with best practices and new tools" - David Tarbay

**Technologies used:** Angular, Nodejs, Mongoddb, React, Shopify GraphQL API, D3js, Xstate, Mpath, Tree and Graph structures

### [GetCraft](#)

**Company:** [GetCraft](#) is a premium creative network. It's the best place to connect with creative professionals and businesses looking for projects or work.

**Clients:** P&G, 3M, Samsung, Allianz, Coca-cola

**Role:** Independent contractor, Full Time, Remote

**Period:** July, 2019 - July, 2020

#### **Project information:**

My direct manager was: [Alex Miller](#). The business requirements were

- Most of the people were junior or middle level. Mr. Miller gave me an opportunity to work as a React Mentor. The achievements were: Clean Code, LightHouse Report, Refactoring, Automation Testing, [Migration from React 15 to React 16](#).
- I did several technical interviews. My effort added a senior front - end developer and senior devops
- I worked two months on Google Cloud Anomaly Detection. The issue behind requirements was crypto mining
- We implemented Safari Push notification as a raw application layer
- Research and Development: How React Portal can be used.
- I worked with [Fanny Yap](#). Our missing was Homepage and navigation menu rebranding

Talk is cheap. Show me the team members feedback:

“Being a non-technical lead PM, there are a number of instances where I absolutely commend Dimitar taking the time in preparations visually and verbally to share his perspectives, recommendations and solutions, facilitating to helping me personally understand and navigate (tech) better, with a goal of improving the process between design and development. His positive agenda is to always continue to improve the performance and usability of our platform, with our users experience in mind. Where communication can certainly sometimes prove to be challenging over the initial teething period of us working with other coming from different countries, there has been good personal and professional rapport established over time, with a good number of laughs and in tow over the last few months of collaborations. Projects I have worked on with him being getting our new homepage up with the authentication and navigations, and recently our managed services feature for sales activations. **No matter what the problem is, Dimitar always starts with the right question, ie. 'Why?'. Dimitar knowledge shares,**

keeping us updated on progress and adds diversity to the way solutions are discovered. I have appreciated the time we have worked together and sincerely thank Dimitar.” - [Fanny Yap](#), Product Manager

“With his experience, Mitco able to show awesome skill, knowledge and critical thinking during working with him. He could play solo and also collaboratively which making him easier to adapt various condition and challenge. He also loves to give some advice during discussion and in the same time open for any input which making us grow together as a team. Will all of this experience, I believe he would be a great asset to any company or team. Good luck Mitco!!!” - [I Gusti Agung Gede Bayu Puspa Nugraha](#), Senior Software Engineer

“Dimitar is an expert programmer & skilful executor. He always keeps up-to-date about the latest techniques in development & dedicated to providing quality work. His energy is unlimited and his enthusiasm motivates everyone on his team (including me!). I believe that he can meet any challenge & I believe everyone would be exceedingly pleased with his work.” - Dwi Ajeng Putri P S, Front-end Developer

**Technologies used:** React, Webpack 2 & Webpack4, NextJs, Styled Components, Redux, Material UI, Xstate, GoLang, Groovy, Google Cloud, Safari Push Notifications, Docker, Monorepo and Lerna

### [Asian Absolute](#)

**Company:** Founded in 2000, [Asian Absolute](#) is a quality-focused translation, localisation and marketing agency covering all markets.

**Clients:** University of Oxford, Guinness World Records, Microsoft, Financial Times

**Role:** Independent contractor, Part Time, Remote

**Period:** Aug, 2018 - until now

#### **Project information:**

My role is to coordinate business requirements between developers and stakeholders. My job reduces a significant amount of blockers. My work was high rated by [Henry Clough](#):

*“For 7 years Dimitar **masterminded** the development of the web app which I used to run most aspects of my language services business. **We were not an easy client but he found an elegant solution for each one of the challenges which our business threw at him.** He imposed structure and efficiency on our in-house, agency and freelance dev teams and introduced a series of new tools and technologies to make the app more resilient and effective. He’s an accomplished software architect but he doesn’t hesitate to roll his sleeves up and debug code in the middle of the night when that’s what’s needed. Dimitar is a highly intelligent and knowledgeable professional with an exemplary work ethic.”*

**Technologies used:** Asp.Net MVC, .Net Core, jQuery, Azure, Multi tenant architecture, [Feature toggles](#), Kusto Query Language, Grafana, Azure Log Analytics, Azure Search, Github Builds Hooks, Service-based Architecture

#### [MentorMate / QuestarAI](#)

**Company:** MentorMate has more than 500 employees with offices in Minnesota, Sweden and Bulgaria. MentorMate is the biggest IT solution provider in Minnesota.

**Role:** Software Architect, Onsite

**Period:** Nov, 2015 - Nov, 2017

**Project:** [QuestarAI](#) is one of the biggest assessment providers in the US.

#### **Major project accomplishments:**

##### [#1 D3js Researcher and team leader, June 2016 - February 2017](#)

Each kid loves to draw and this was my job. I was responsible for creating a complex D3js coordinate system. The coordinate system has several important features

- Drawing a dot
- Drawing a line
- Drawing a shape
- Undo
- Redo
- Restore
- History Management

The team lead role gave me an opportunity to work with Product Managers, BA, Designer.

##### [#2 Position: Onsite Consultant, March - May 2017](#)

I achieved my dream to work from the US. My typical working schedule was: 5:00AM - 24:00pm. I was responsible to be a "translator" between the Bulgarian and US team members. We achieved several important production releases. I was able to discuss my ideas with the CEO of the company, CTO of the company, the BA team, The bulgarian team, The product managers etc.

##### [#3 Position: Secure Browser Team Leader, June - October 2017](#)

Our job was to prevent kids from cheating. My team was a Guardian of the Galaxy. The job was super responsible: If the tests were not secure. The whole contract can be declined by several states in the US. The accountable numbers behind contracts were millions.

[My manager](#) gave an excellent recommendation letter:

“Dimitar helped to build a new solution for a current product that needed revisions based on usage in a newer OS. He worked with our enterprise architect and a dedicated dev team and QA team to define requirements, ask questions, and to think ahead of our solution. He was punctual, positive, and helped to drive the process forward on a daily basis.

Thanks for your help, Dimitar!”

**Technologies used:** Polymer, D3js, jQuery, Nwjs, Mathjax, Objective - C, Swift, Chromebook extensions

**Company:** [Wollow-soft](http://Wollow-soft.com) / 158ltd.com is a veteran in the outsourcing marketplace in Varna, Bulgaria. The company has a history of more than twelve years.

**Roles:**

- CTO (June 2014 - Oct 2015)
- Team Leader (June 2011 - June 2014)
- Senior Software Developer (Jan, 2012 - June 2014)
- Developer (Feb, 2011 - Jan, 2012)
- Junior Software Developer (June 2010 - Jan, 2011)

I received a five star rated feedback by [Ivelin Ivanov](#) (CEO)

*"I am writing this recommendation for Dimitar Danailov with great pleasure and respect. Dimitar has worked for me and with me for more than five years in 158Ltd. He has started as a programmer and passed all the levels to CTO in the last year. In terms of technical skills, he has an undeniable qualification, but for me and for the company he was highly esteemed for his loyalty and devotion. He is a person with whom I have worked with pleasure and I have had unreserved confidence in him, since we have managed more than 100 projects in time and he has proven his competence and his ability to work on time and with quality. Rarely, we can meet people strongly devoted to their work, however Dimitar is one of them, and the priceless thing for him is that he transfers his energy and knowledge to the team, motivates them and he is one good example.*

*Since the beginning he has demonstrated a strict compliance to the working processes and rules of the company. By taking the position of CTO in 158Ltd. Together with his help we have built the team from the base of three programmers to the current 28. Over the past years, we have participated in many risky projects and in his face I have always had a confidential and pragmatic partner in making quick and right decisions*

*In conclusion, let me say that without hesitation I recommend Dimitar Danailov for the position of lead programmer, related to software development. I am sure that he is going to be an invaluable asset for your organization. If you would like to discuss further my opinion and assessment of Dimitar, please do not hesitate to contact me"*

**Technologies used:** JavaScript, PHP, Asp.Net, Android, iOS, Ruby on Rails, Nodejs

**Company:** [Camplight](http://Camplight.com) is one of the freelancer IT leaders at Bulgaria

**Project:** <https://assista.io/>

**Role:** Independent contractor, Part Time, Remote

**Period:** Oct, 2018 - Jan, 2019

**Project information:** I worked on Trello Bot (<https://assista.io/>). The bot is responsible for Time tracking. My mentor was: [Boris Filipov](#). Boris is one of the best Nodejs developers in Bulgarian JavaScript community.

**Technologies used:** Nodejs, [Organic](#), Mongodb, Trello Rest API, Jest

## Summary: Roles & experience

- Backend Engineer (8+ years)
- Frontend Engineer (\*+ years)
- Engineering Manager (6+ years)
- .NET Engineer (2 years)
- Android Engineer (2 years)
- iOS Engineer (3 months)

## Technical Skills

### Core Skills

React, Redux, Xstate	Nodejs and Blockchain (Web3)	Polymer / Custom Web Components v1
TypeScript	JavaScript	HTML 5
D3js	Gulp	Docker
Android	PHP and Laravel	Asp.NET
Linux	BashScript	Java
Apache	Nginx	MySQL
PostgreSQL	MSSQL	Oracle PL/SQL
Git	AWS	Azure
Heroku	EngineYard	OpenShift
Webpack	Vagrant	NoSQL

Kubernetes	Salesforce Commerce Cloud	Objective - C
Software Architectures	Ruby on Rails	

## Additional Skills

Swift	C++	Python / Django
Electron	Hadoop	Google App Engine
Go	Java EE	Jenkins

## Teammates

#1

“Dimitar is an outstanding mentor. His guidance helped me progress with Ruby on Rails with ease and discover more about developing web-based software. Even after my internship at 158ltd ended, he continued assisting me with advice. Definitely a great person to learn from and to work with!”

[Hristo Georgiev - Software Engineer at Avrios](#)

#2

“Dimitar is a personable individual that gets on well with those around him. He is focused and dedicated to producing his very best at all times. He has shown that he is able to deal with uncertainty and dislocation. He is a very good software engineer and knows a lot of technologies. Also a great team leader. I recommend him highly - he will not let you down!”

[Cvetan Himchev - Senior Application Developer at Vertinity LTD](#)

#3

“Dimitar is an excellent programmer and soul of the team. I am glad that I was given the opportunity to recommend it because I have a very positive impression of his personality. We spent over a year and a half working together in 158ltd.com. and in that time he managed to pass me a lot of knowledge in the IT field. Whenever I needed help or advice he has responded and helped me. I'm sure Dimitar would be a great part of every team.”

[Vladimir Dimov - Mobile Application Developer at Prime Holding JSC](#)

## Open Source

<a href="#"><u>MailHelper</u></a>
Role: Founder
Public URL: <a href="https://fir-playgrounds.firebaseio.com"><u>https://fir-playgrounds.firebaseio.com</u></a>
Repository: <a href="https://github.com/dimitardanailov/gmail-helper"><u>https://github.com/dimitardanailov/gmail-helper</u></a>



MailHelper is an independent project. MailHelper is a personal assistant that is able much easier to create Gmail Label and Filters.

**Technologies used:** *Custom Web Components v1, Lerna, Webpack, Karma, Express, Gmail API, Webpack, Nodejs*

#### [MyTeletouch](#)

**Repository:** <https://www.indiegogo.com/projects/myteletouch-control-tv-pc-from-smartphone#/>

**Role:** Co - founder

**Live demo:** [https://play.google.com/store/apps/details?id=com.madeit.julian.myteletouch&hl=en\\_GB](https://play.google.com/store/apps/details?id=com.madeit.julian.myteletouch&hl=en_GB)

**Public URL:** <https://fir-playgrounds.firebaseio.com>

Project won the title best Bulgarian IoT project for 2016. MyTeletouch did a successful Indiegogo campaign at the end of 2016 - first quarter of 2017.

**Technologies used:** *IoT, Raspberry Pi, Asp.Net MVC*

#### [Firefox Developer Tools](#)

**Role:** Contributor

**Pull Requests:**  
<https://github.com/firefox-devtools/debugger/pulls?q=is%3Apr+is%3Aclosed+author%3Adimitardanailov>

**Repository:** <https://github.com/firefox-devtools/debugger>

I worked with one of the best Front - end Developers ([Jason Laster](#) and [Dawid Walsh](#)). Firefox developer tools is used by millions of developers each day.

**Technologies used:** *React, Flow, Prettier*