

# Dimitar Danailov

Phone: +359883444295, Website: <https://ddanailov.dev>

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

Values: Integrity, Ownership, Results matters, Team Player

[Linkedin Profile](#) | [Stack Overflow](#) | [Github Profile](#) | [LOR](#)



## Accomplishments

- Top 4% user in [Stack Overflow](#). (My points are 9500+)
- Specializations
  - [Decentralized Finance \(DeFi\)- The Future of Finance](#)
- Certificates
  - [The Ultimate React Native Series: Fundamentals](#)
  - [Introduction to Mobile Development](#)
  - [Project Initiation: Starting a Successful Project](#)
  - [Containerized Applications on AWS](#)
  - [Smart Contracts by the state university of New York](#)
  - [Blockchain Basics by the state university of New York](#)
  - [Foundations of Project Management. Authorized by Google](#)
  - [Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning. Authorized by DeepLearning.AI;](#)
  - [M101JS: MongoDB for Node.js Developers. Authorized by MongoDB University;](#)
  - [Hadoop Platform and Application Framework. Authorized by University of California;](#)

## Roles and Experience

- Management and Leadership skills: 10+ years.
  - Blockchain Architect, Siemens Energy: 2023 - present (Team size: 15+);
  - Fullstack JS DevOps Architect, The international red cross: 2022 - 2023; (Team size: 8);
  - BlockChain Staff Engineer, Propine.com: 2021 - 2022; (Team size: 20+);
  - Software Engineering Manager, Elephant stocks: 2021 - 2022; (Team size: 20+);
  - Full Stack Software Architect: 2015 - 2020; (Team size: 100+);
  - CTO: 2014 - 2015; (Team size: 30+);
  - Team Leader: 2011 - 2014; (Team size: 20+);

- Full Stack Developer and Front-End Developer - 10+ years;
- Nodejs Developer - 10+ years;
- Cloud Developer (AWS, Azure, Google Cloud) - 10+years;
- Mobile Developer (Android, iOS, React Native) - 2+ years;
- DevOps and Linux Administration and Linux - 15 years;

## Skills

**Nodejs:** etherjs, web3js, express, hapi, rabbitmq, gRPC, WebSockets, EventArc, netsjs;

**Front-end programming languages and frameworks:** React and React Native, Nextjs, Vercel, Redux GraphQL, Material UI, D3js, Xstate, Formik;

**Blockchain:** Solidity, Ethereum, Algorane, Cosmos, Elrond, Polygon;

**Supported skills:** Angularjs, Polymer, jQuery, Go, Ruby on Rails, .Net Core, Android, C#, Swift;

**Database Systems:** PostgreSQL, MySQL, MSSQL, NoSQL, MongoDB, OpenSearch, Elastic Search;

**Containers and orchestration:** Docker, Kubernetes, OpenShift, Vagrant, TerraForm;

**Build tools:** Yarn, npm, Webpak, Groovy, Azure pipelines, Nx;

**Cloud Providers:** AWS, Azure, Google Cloud, Heroku, EngineYard, Salesforce Commerce cloud;

## Experience

### Siemens Energy

**Company:** [Siemens Energy AG](#) is an energy company

**Role:** Blockchain Architect (Contract)

**Responsibilities:**

- Contribute to the ideation, technical design, implementation, and testing of product features that will transform the capital markets.
- Implement support for various nodejs and blockchain applications;
- Produce high quality software following good architecture and design principles that are scalable. Contribute to test automation within an agile team;

**Technologies I used:** HyperLedger Besu, Ethereum, Smart Contracts, etherjs, web3js, nestjs, typescript, mongodb, kubernetes, Keyclock

### The International Red Cross (ICRC)

**Company:** [The International Committee of the Red Cross](#) is a humanitarian organization;

**Role:** Fullstack JS DevOps Architect (Contract), **Period:** October, 2022 - Feb, 2023

**Technologies I used:** React, React Native, Nx.dev and Monorepos, Xstate and State Machines, Formik, Yup, iOS, Android, Azure Pipelines

### [Propine](#)

**Company:** [Propine](#) is a regulated custody and digital assets services provider for enterprises.

**Role:** Blockchain Staff Engineer (Full Time, Remote), **Period:** Sep, 2021 - August 2022

**Responsibilities:**

- Implement support for various blockchain architectures and integrate our applications to various native Blockchains. Design & deliver thoughtfully crafted REST APIs, interfaces and database schemas to ensure scalability, maintainability, and performance.

Participate in and contribute actively to architecture reviews, code reviews, design reviews, postmortems, and raise the bar for engineering best practices across the team.

- Setup and secure blockchain nodes, wallets and application servers
- Write scripts to automate the deployment of infrastructure
- Document steps and processes for the setup and maintenance of infrastructure

**Recommendation letter by [Liang Zan Wong\(Co-Founder & CTO at Propine\)](#):**

Mr Dimitar Danailov was employed at Propine Technologies Pte Ltd from September 1 2021 to August 5 2022 as a Staff Engineer. During his time with us, he has proven to be a reliable colleague. His strong work ethic has set a great example to the rest of the team. We would wholeheartedly recommend him in whatever endeavors he so chooses.

**Technologies I used:** Blockchain, Web3, eth.js, AlgorandSDK, Cosmos SDK, Elrond, 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](#)

**Role:** Software Engineering Manager, Full Time, Remote, **Period:** Sep, 2020 - Apr, 2021

**Recommendations:**

"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](#)

I worked in the same team, it was a pleasure working with him. Dimitar brings lots of experience and a wide range of dev knowledge, he has the ability to see the wide picture while paying attention to the small details. - [Shlomi Cohen](#)

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

#### [GetCraft](#)

**Company:** [GetCraft](#) is a premium creative network.

**Role:** Independent Front end and Google Cloud Contractor, Full Time, Remote, **Period:** July, 2019 - July, 2020

**Recommendations:**

“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 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 others 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 include 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

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

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

**Period:** Aug, 2018 - June, 2021

**Project information:**

*“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 is the biggest IT solution provider in Minnesota.

**Role:** FullStack Software Architect, Onsite

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

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

*“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, Nx, Mathjax, Objective - C, Swift, Chromebook extensions

[Wollow-soft / 158ltd.com](#)

**Company:** [Wollow-soft](#) / 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)

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