



1.804.852.7589  
noi.t.sek@gmail.com

## Summary

Senior Full Stack Engineer with 11 years of experience. Product driven leader with an eye for design and a proven record of raising the bottom line. Library author and open-source contributor.

## Expertise

Expert level understanding of what it takes to build genre-defining products at scale.

Specialty is in high-performing teams that identify, own, and accomplish long term business objectives through outstanding UX and gold standard engineering.

Currently Mastering: Kubernetes, Cassandra, GraphQL, Microservices Architecture

## Languages:

- Python 2.7+, Python 3+
- Javascript (ES6+), Typescript
- HTML, CSS, SASS
- Familiarity with: Rust, Go, Elm, Java, Lua, C++, PHP, Ruby

## Frameworks / Tooling:

- React, Vue, Redux, RxJS, GraphQL, D3.js
- Django, Flask, Bottle
- Photoshop, Illustrator, Sketch, Marvel, Invision
- PostgreSQL, Cassandra, Scylla, MongoDB, MySQL, SQLite
- Git, Docker, Vagrant, Kubernetes, Jenkins, AWS
- Bash, Make, Linux Administration
- Other skills – Explaining malloc()

## Methodologies / Skills:

- FRP, OOP, TDD, BDD, Agile, Scrum, Kanban, Waterfall
- A/B Testing, Customer Interaction, Business Strategy
- UI / UX Research, Product R&D, Product Direction
- People Management, Team Organization
- Design Direction, Systems Architecture
  
- JIRA, Trello, Maven, Asana, Basecamp
- Slack, Microsoft Teams, GSuite

## Recent Experience

*Senior Software Engineer – Biolife Solutions*  
// 2016 - Present

Currently leading Engineering in building a highly specialized cryopreservation platform on Kubernetes.

- Wrote and architected a tooling system for easily managing portable, versioned clouds of microservices with Kubernetes and AWS.

- Identified critical performance bottlenecks and designed an optimized system in Cassandra allowing the company to scale operations exponentially while cutting costs by more than 2/3.

- Designed and built a powerful React SPA based on iterative customer feedback, beating out the competition and selling multiple multi-nationals on our innovative and easy to use approach.

---

*Front End Engineer – Safari Books Online*  
// 2015 - 2016

Honed B2B product skillset working directly with customers to close on \$1MM+ in sales. Acquired by O'Reilly Media.

- Implemented a flexible stack within existing architecture that enabled rapid turnaround for customer requested features ad-hoc.

- Coordinated tighter interplay between the data and UX teams and drove internal processes to increase user retention and product sales.

---

*Founder, Freelancer, Lead Design & Engineering*  
// 2010 - 2015

- Drove adoption of Bitcoin through startups offering innovative solutions to: eCommerce, Margin Trading, and Payment Systems.

- Operated teams serving as both Lead Designer and Developer for products with audiences of 100,000 to 1,000,000.

- Lead high profile teams on projects featured prominently alongside Non-Profits such as *Fight For the Future* and in places such as *CNBC*, *The New York Times*, *NBC*, and *CNN*.