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# Lukas deConantsesznak

## Senior Software Engineer

Nashville, TN

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[Unassuming Dev - YouTube](#)

## SKILLS

**Golang | Rust | C# | Node.js | Python**

**MySQL | PostgreSQL | MongoDB | Redis**

**React | TypeScript | NLP | Spacy | LangChain**

**Azure | AWS | GCP | Digital Ocean | Terraform**

**Software Design | Software Architecture**

**Microservices | Apache Kafka | Apache Pulsar**

**GitHub Actions | Azure DevOps | CircleCI | Gitlab CI**

## OPEN SOURCE PROJECTS

### **lzw-compress**

<https://crates.io/crates/lzw-compress> - A Rust implementation of the Lempel–Ziv–Welch compression algorithm.

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### **slicefuncs**

<https://github.com/LukasDeco/slicefuncs> - A simple Golang library for some functional programming functions on slices.

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### **token-buddy**

<https://crates.io/crates/token-buddy> - A Rust library for generating cryptographic tokens or authentication and other users.

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## CAREER SUMMARY

Hello, I'm Lukas, a seasoned software engineer with a diverse background in various tech stacks and languages. I excel in quickly adapting to new technologies, spanning from backend APIs to UI code. Proficient in Go, React, Rust, C#, Python, Node.js, TypeScript, JavaScript and ReScript to name a few.

### Key Strengths:

1. **Rapid Learning:** Known for having an insatiable appetite for learning and swiftly picking up new technologies, contributing to a broad skill set applicable across diverse tech stacks.
2. **Design and Architecture:** Possess strong opinions on software design and architecture, emphasizing the importance of thoughtful decisions for long-term maintainability, reliability, and success.
3. **Soft Skills:** Proven ability to collaborate effectively, maintain a positive attitude, and demonstrate strong leadership. Consistently promoted in every role, with valuable experience leading teams.

**Impactful Contributor:** My core strengths consistently drive significant contributions to every organization I've been part of. Excited about the next career chapter, eager to learn, grow, and continue making a positive impact.

## EXPERIENCE

### Vroom, Remote

MAY 2022 - JAN 2024 - *Technical Lead*

- Lead architectural discussions and weekly architectural meetings
- Hit extremely aggressive project timeline by utilizing rule-engine library to quickly and scalably configure complex business logic
- Implemented pipelines to automatically generate swagger documentation for microservices, run integration tests based off swagger, and generate API clients based off swagger
- Lead a monthly backend-sync meeting with all backend engineers across the company
- Managed domain tech debt and advocating for sprint tech debt scope
- Conceived, designed, and built a stand-alone document requesting microservice that was truly decoupled and offered solutions for multiple domains at Vroom
- Developed and managed shared npm and Golang libraries across the org
- Eliminated problematic cron jobs by advocating for and implementing a future-events pattern

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JAN 2022 - May 2022 - *Senior Full Stack Software Engineer*

- Built customer-facing features across multiple Next.js micro-frontends
- Improved Jest unit test code coverage
- Built endpoints and event consumers on multiple golang microservices
- Innovated on our document collection pipeline by utilizing AWS OCR
- Pushed various initiatives to eliminate tech debt and create a more stable architecture

## **Autobooks, Detroit, Michigan**

MAR 2021 - JAN 2022 - *Lead Developer*

- Interfaced with product team to understand project requirements
- Writing technical documentation to breakdown product's project requirements for my team
- Delivered a complex project faster than the committed to timeline with virtually no tech debt
- Planned the reduction of technical debt within our React codebase
- Designed software implementation plans for our C#/.NET backend using SOLID and DDD principles
- Mentored developers via pair programming, weekly 1:1s, and performance reviews
- Used lunch-and-learns to educate rest of company on new features my team implements
- Interfaced with 3rd parties to get questions answered about API implementation
- Advocated for improvements of the tech stack across the team (e.g. TypeScript vs ReScript, queue-based vs http-based service communication)

FEB 2020 - MAR 2021 - *Software Developer*

- Built out new features for the React-based accounting/banking application
- Fixed UI logic application bugs
- Optimized accessibility and utilized screen-readers for accessibility testing tools
- Converted from legacy class-components to function, hook-based components
- Wrote codemod scripts to enable mass refactoring
- Implemented React context for state management
- Converted components from TypeScript to ReScript
- Utilized Jest and RTL to write unit tests
- Integrated with backend Rest API endpoints
- Wrote .NET payments integration for instant payments
- Wrote .NET unit tests with Moq framework

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## OneParish, South Bend, Indiana

JUN 2019 - FEB 2020 - *Full Stack Web Developer*

- Planned out new products with Lead Software Architect/Founder
- Converted product plans into executable steps for both REST API design as well as UI design
- Brokedown API build into manageable tasks in JIRA and assign to Junior Developer
- Turned UI product plans into fully-detailed UI designs
- Planned out Vue.js components from UI designs and then build actual front-end application with assistance from Junior Developers
- Trained extensively and managed Junior Developers

OCT 2018 - JUN 2019 - *Junior Web Developer*

- Designed and build Express REST API's for a variety of web applications
- Connected various Vue.js front-end applications to our Express API
- Wrote scripts to maintain and clean MongoDB database
- Designed and built UIs for an email builder and an analytic reporting builder
- Designed and built workflows for text-to-subscribe SMS subscription services using Twilio and webhooks
- Created fully-detailed UI mock-ups using Adobe XD
- Planned out most efficient and performant way to build UI's using component libraries for Vue like Vue Material
- Managed data and API architecture for payment processing with WePay including:
  - Allowing users to save credit cards, link bank accounts, and make donations
  - Giving church staff the ability to add deposit accounts to receive donations
- Wrote chron job to pull deposit account withdrawal data and reconcile withdrawals with donations.
- Built customizable reports with Chart.js to view donation trends and deposit reports.
- Built out email workflows using SendGrid API

## EDUCATION

**Western Washington University, Bellingham, WA** - *B.A. in Business/Marketing with a minor in Psychology.*

Graduated June 2014