Lukas deConantsesznak

Senior Software Engineer

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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.

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*

- Devising plans to meet aggressive business goals while building scalable systems
- Leading architectural discussions and weekly architectural meetings
- Utilizing rule-engine libraries to deliver extremely complicated projects within aggressive timelines
- Implementing pipelines to automatically generate swagger documentation for microservices and generate API clients based off swagger
- Managing domain tech debt and advocating for sprint tech debt scope
- Creating tech specs and executing on tech vision
- Developing and managing shared npm and Golang libraries across the org
- Introducing new technologies to automate development and business processes

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

- Working across multiple Next.js micro-frontends built in React and TypeScript
- Improving Jest unit test code coverage
- Working on various Golang microservices leveraging both synchronous HTTP-based and asynchronous event-based communication
- Innovating on our document collection pipeline by utilizing AWS OCR
- Pushing various initiatives to eliminate tech debt and create a more stable architecture

Autobooks, Detroit, Michigan

MAR 2021 - JAN 2022 - *Lead Developer*

- Interfacing with product team to understand project requirements
- Writing technical documentation to breakdown product's project requirements for my team
- Planning the reduction of technical debt within our React codebase
- Designing software implementation plans for our C#/.NET backend using SOLID and DDD principles
- Mentoring developers via pair programming, weekly 1:1s, and performance reviews
- Using lunch-and-learns to educate rest of company on new features my team implements
- Interfacing with 3rd parties to get questions answered about API implementation
- Advocating for improvements of the tech stack across the team (e.g. TypeScript vs ReScript, queue-based vs http-based service communication)
- Writing documentation to summarize and communicate completed work performed by my team

FEB 2020 - MAR 2021 - *Software Developer*

- Building out new features for the React-based accounting/banking application
- Fixing UI logic application bugs
- Optimizing accessibility and utilizing screen-readers for accessibility testing tools
- Converting from legacy class-components to function, hook-based components
- Writing codemod scripts to enable mass refactoring
- Implementing React context for state management
- Converting components from TypeScript to ReScript
- Utilizing Jest and RTL to write unit tests
- Integrating with backend Rest API endpoints
- Writing .NET payments integration for instant payments
- Writing .NET unit tests with Moq framework

OneParish, South Bend, Indiana

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

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

OCT 2018 - JUN 2019 - *Junior Web Developer*

- Design and build Express REST API's for a variety of web applications
- Connect various Vue.js front-end applications to our Express API
- Write scripts to maintain and clean MongoDB database
- Design and build workflows for text-to-subscribe SMS subscription services using Twilio and webhooks
- Create fully-detailed UI mock-ups using Adobe XD
- Plan out most efficient and performant way to build UI's using component libraries for Vue like Vue Material
- Manage 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
- Write chron job to pull deposit account withdrawal data and reconcile withdrawals with donations.
- Building customizable reports with Chart.js to view donation trends and deposit reports.
- Build 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