

Nicolas Knoebber

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PROFESSIONAL EXPERIENCE

ICS Advanced Technologies
Software Engineer

Remote from Mendocino, CA
August 2018 - Present

ICS is an internet service provider that primarily serves apartment complexes. We provide tenants internet as an amenity and offer higher speeds as a subscription service.

- Worked on a Ruby on Rails application that onboards tenants and lets them manage their internet subscription
- Used Stripe to collect payments and fulfill service with webhooks
- Designed and launched a new React web application
- Wrote a variety of micro-services in Go
- Implemented a JWT authentication and authorization system
- Collaborated with other departments to make the user experience as smooth as possible

FabPro1
PHP Web Developer

Cedar Rapids, IA
April 2017 - May 2018

FabPro1 is a startup that offers a SaaS for the prefabrication industry. I designed a system that lets users generate and save interactive charts that measure shop productivity.

- Worked as a full-stack web developer
- Primarily used JavaScript, JQuery, PHP, and MySQL
- Crafted interactive data visualizations in JavaScript
- Built MySQL schemas and optimized complex queries

PERSONAL PROJECTS

dotfilehub.com

github.com/knoebber/dotfile

Dotfile is a version control system for single files. My goal is to make sharing configuration files between systems simple and user friendly. It has CLI and web server components that are both written in Go.

- Command line interface that tracks, pushes, and pulls files
- Polished web application where users can create, find, share, and retrieve files
- Fully documented and tested

cosmostuna.com

github.com/knoebber/cosmostuna.com

Cosmo's Tuna is a simple e-commerce site. It runs on JAMstack and is hosted with AWS. The site is live and receives regular orders.

- Built with a variety of AWS services including S3, CloudFront, Lambda, Route53, API Gateway, SNS, and SES
- Processes orders with Stripe
- Uses a build and deploy system with Bash and Makefile

PREFERRED TOOLS

Golang, JavaScript, React, Ruby on Rails, HTML/CSS, SQL, Linux, Docker, Emacs, Vim, JetBrains

EDUCATION

Grinnell College
Bachelor of Arts in Computer Science

Grinnell, IA
May 2017

Selected Coursework: Computer Security, Computer Vision, Thinking in C & Unix