Charles Fries

Website: charlesfri.es | Email: charles@shiftco.de | Phone: +1 (916) 801-9352
GitHub: GitHub.com/charlesfries | LinkedIn: www.LinkedIn.com/in/charlesfries

SUMMARY

Incredibly passionate, committed, and consistent software developer, with a great attitude and productive mindset. More than 6 years of experience working individually on projects or with teams, designing, publishing, and maintaining **full stack** software applications. Absolutely proficient in developing production systems using web APIs, databases, MVC principles, Bash automation, object storage (S3), redundant servers, and more.

PROFICIENCIES

Languages: **PHP**, **Swift**, SQL, Python, JavaScript, HTML/CSS
Applications: Nginx, MySQL, Git, Xcode, SSH, Qt SDK
Systems: **Ubuntu**, iOS, macOS, LAMP/LNMP
Hardware: Arduino, Raspberry Pi, **system administration** (AWS, plain VPS)

EXPERIENCE

CTO, Shiftcode Inc. – San Luis Obispo, CA – 12/2016 to 03/2018
- Coordinated technology and DevOps for a small software development business called **Shiftcode Inc.** (https://shiftco.de)
- Interviewed and recruited subcontractors and delegated project tasks appropriately
- Ensured timely delivery of product to customer
- Engineered full stack software systems primarily using Nginx, PHP, MySQL, and Swift
- Contracts include Simpol (an order management system for bars and restaurants), Arkitu (a farmers' market venue locator), and PrepUp Partner (an SAT/ACT practice app for students)

Cashier, Emigh Hardware Company – Sacramento, CA – 05/2013 to 09/2014
- Worked with customers to help find the correct tools and parts for projects
- Maintained the merit of being the store's youngest employee

PROJECTS

Alphex
- Developer of Alphex, a now defunct cryptocurrency trading platform (PHP) and order matching engine (Python) for Bitcoin, Litecoin, and other alternative blockchains.
- Gained valuable knowledge in Unix system security, SSL, database redundancy, and server scalability

9 other projects associated with Shiftcode Inc.
- Arkitu, CloudSocial, Crytq, Heavenly Weather, PrepUp, Rated, Simpol, Smart Readers, and TextHippo

EDUCATION

Cuesta College – San Luis Obispo, CA – 2015 to Present
University of Washington – Seattle, WA – 2014 to 2015