

Nathan Evans

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<https://de1ux.com>

<https://github.com/de1ux>

SKILLS

Python, Django, Go, React, Typescript, Dart, Docker, AWS, GCP, Terraform, Kubernetes, Nomad, Cloudformation, CI/CD, Postgres, gRPC, Thrift, Swagger

EXPERIENCE

Density – Remote

6/2019 to present

Staff Software Engineer

Manage the technical direction of a team of 3 engineers.

Write code that improves the accuracy of thousands of embedded devices deployed around the US using Python, Go, Django, Typescript, React and Postgres.

Responsible for maintaining, improving ML accuracy of each device, narrowing device calibration time from weeks to minutes.

Participate in oncall, the provisioning/maintenance of AWS infrastructure.

SoFi – Helena, MT

6/2018 to 6/2019

DevOps Senior Engineer / Lead Engineer

Managed the technical direction of a team of 10 engineers. Conducted hiring and onboarding of team members.

Executed a company-wide move from Bitbucket to Gitlab.

Architected a pilot program for Continuous Deployments. Identified high-performing teams and measured successfulness.

Participated in on-call.

SoFi – Helena, MT

12/2017 to 6/2018

DevOps Engineer

In charge of ensuring the bank's hourly ACH transfers never failed and lost money.

Migrated hundreds of brittle, ad-hoc financial scripts to reproducible, testable Docker containers.

Migrated CI/CD pipeline off CoreOS Fleet to Kubernetes.

Removed organizational and technical bottlenecks that prevented teams from releasing, owning their code to production.

Contributed Terraform code for system hardening (PCI/SOC) initiative.

Participated in on-call.

SoFi – Helena, MT

5/2017 to 12/2017

Senior Software Engineer

Created a tool for loan officers that sped up student loan document processing times by >15%. Used Python, Kotlin, Typescript and React.

Created an ML pipeline for training, improving and classifying PDF documents. Models were built with Tesseract, SciKit, XGBoost and Tensorflow.

Workiva – Bozeman, MT

9/2013 to 5/2017

Software Engineer

Developed web apps for financial reporting in Python, Golang, Dart, React and Node.js on Google Cloud Platform and Amazon Web Services.

Implemented CRDTs for online/offline, concurrent user text editing.

Created and maintained API services using Apache Thrift and NATS.

Contributed to AWS Cloudformation services.

Workiva – Bozeman, MT

2/2013 to 9/2013

Software Engineering Intern

Developed web apps for financial reporting in Python, Javascript and Node.js on the Google Cloud Platform.

Textbook Corner – Beebe, AR

*11/2011 to 2/2013
Full Stack Developer*

Developed a full-stack textbook buyback website with Javascript and PHP. Maintained hosting on a LAMP stack using cPanel on a VPS.

University of Arkansas for Medical Sciences – Little Rock, AR

*08/2010 to 11/2011
Quality Improvement Manager*

University of Arkansas for Medical Sciences – Little Rock, AR

*5/2010 to 8/2010
Administrative Assistant*

University of Arkansas for Medical Sciences – Little Rock, AR

*5/2009 to 8/2009
Data Entry Specialist*

EDUCATION

University of Arkansas at UALR – studied Bachelor of Science in Computer Science
*2009 to 2012
GPA: 3.12*

REFERENCES

References provided on request.