JEFF QUAST

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2020 - 2021

Sr. Cloud Engineer

Developed backend systems and tools for **Docker** and **AWS** Cloud photogrammetry and **GIS** services in **Python**, **Ruby**, and **C#**.

Remote

Founded in 2013, **Kespry** was a Web Platform providing photogrammetry services for Mining, Insurance, and Paper industries. Kespry folded in September of 2021.

2017 - 2019

Software Engineer

Designed the aircraft Flight Data Recorder and Cloud Telemetry pipeline and developed on all aircraft software components, in **Python**, **C++**, **C#**.

Santa Cruz, CA

Joby Aviation (NYSE: JOBY) is developing an electric vertical takeoff and landing (eVTOL) aircraft to operate as an air taxi service. Joby went public in 2021 after SPAC merger at $6.6 billion valuation.

2016 - 2017

Sr. Software Engineer

Developed HIPPA-compliant tools and network services for **AWS** Cloud, using **Docker**, **Scala** and **Python**.

Santa Cruz, CA

Founded in 2002, **Imprivata** enables healthcare with software technology. Thoma Bravo acquired Imprivata for $544 million in 2016.

2014 - 2015

Sr. Software Engineer

Developed software to provision IO's Datacenter hardware into OpenStack cloud services using **Python** and **SaltStack**.

Remote

Founded in 2007, **IO Datacenters** provided a "data center as a service". Iron Mountain acquired IO for $1.3 billion in 2017.

2013 - 2014

Sr. Software Engineer

Developed backend for all Cloud and Operating Systems in **Python**, **C#**, **Ruby**, and **Java** on **AWS**, Azure, vSphere, and OpenStack.

San Jose, CA

Founded in 2009, **RiverMeadow** provides a SaaS that automates the migration of Linux and Windows servers into multiple target cloud environments.

2008 - 2011

Sr. Software Developer

Designed new data management API in **Python**. Devops and development on all backend systems in **Java**.

Ann Arbor, MI

Founded in 1995, **JSTOR** digitized and provides full text searches of more than 2,600 journals. JSTOR merged with nonprofit Ithaka Harbors in 2009.

2005 - 2008

Software Developer

Developed static analysis and identity management software in **Java** and FEA tools for Abaqus/CAE in **Python**.

Detroit, MI

General Motors (NYSE: GM) is an American multinational corporation that manufactures vehicles and sells financial services.

2006 - Now

Open Source Contributor

Developed several FOSS projects such as pexpect which was used in the **Mars 2020 Helicopter Mission.** Contributed to many FOSS projects such as **Python**, **OpenBSD**, **Packer**, **Vagrant**, fastavro, and **SaltStack**.

Remote

My **Open Source** work reflects my standards of code quality and communication. All projects have good documentation, automatic tests, code coverage, and well-managed project issues.