

Shaw Vrana

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Summary

Software engineering generalist with experience ranging from Linux kernel to user interface development. Interests include early stage startups, distributed systems and managing infrastructure at scale.

Experience

Wish, Member of Technical Staff (2015 - current)

Projects include product search, data pipeline construction, backend performance improvements and infrastructure automation.

Lookout, Senior Software Engineer (2012 - 2015)

Android development on the [Lookout Mobile Security app](#). Ruby backend web development on the [mobile endpoint security](#) team. Backend projects included developing APIs for the single page webapp, data modeling, creation of an event storage service, creation of Storm topologies and bolts, responding to service outages, etc.

Riverbed Technology, Software Engineering Manager (2011)

Managed a team of seven engineers to complete multiple projects including reworking low-level networking code to support IPv6, maintaining and improving [SteelHead@](#) device discovery and network visibility code.

Riverbed Technology, Member of Technical Staff (2005 - 2011)

Linux kernel network engineer for the SteelHead wan optimization product, concentrating on network visibility. Developed a transparent proxy mode in which connections between proxies appear as client-server connections. Built Linux kernel module to track and report network flows.

Innovative Interfaces, Senior Software Engineer (2000 - 2005)

Developed software applications within a large existing code base with over 3+ million lines of Java and C code. Multi-platform application server development. Maintenance of proprietary database and search technology. Spear-headed multiple, large refactoring projects to improve product quality and ease of development.

Education

Vanderbilt University, BS, Philosophy and Computer Science (1995-1999)

Skills

Experience with Python, Go, Ruby, C, Java, Android, infrastructure automation and maintenance.

Projects

Viz: a mobile application for Android that enables users to download videos and watch them on the go, without a reliable network connection. Over 10 million downloads on the Google Play store before it was removed by Google. Code now available on [Github](#).