

Colin Schroeder - Software Engineering Manager

Contact

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Experience & Education

- B.S. Computer Science 2017 - University of Alaska Anchorage
- 5 years - Engineering Lead / IT Manager
- 15 years - Software Engineering
- 20 years - IT

Goals

I'm looking for a leadership role on an ambitious team who is anticipating how current trends and technology will shape the world. Let's manifest the future!

I work best in domains I am passionate, for leaders with ambitious vision, and in organizations where top performers have latitude.

I like working on projects simultaneously, where I am creating and developing demos into full featured products.

I'm extra interested in VR, WebXR, WebGPU, Web3, distributed computing, crypto, decentralized services and protocols, computational physics, Open Source, entrepreneurship, aerospace, and rocking the boat.

Technology and concepts I'd like to work with

Virtual Reality, Open Source Infrastructure, Infrastructure as code, Terraform, docker, kubernetes, node.js, ECMA2016, react, Three.js, Postgres, Service Oriented Architectures, Progressive Web Applications, Cloud Native Architectures, Cloud Portable Architectures, Scalability and Optimization, Leadership, Strategy, CICD, DevOps, DevSecOps, zero trust, WebXR, High Performance image stitching, Ubuntu, keycloak, gitlab

Technology with past experience

Languages frameworks and libraries

JavaScript, Node.js, React, Python, C#, ColdFusion, SQL, HTML, WebGL, CSS, jQuery, AJAX, .NET MVC, C, C++, Bash, JSON, XML, PyOpencl, PyCuda, Panda3D, OpenGL, MS Batch, AutoLisp, CFWheels, Bottle.py, Flask.py, pyGNOME

Databases

PostgreSQL, MySQL, MS SQL Server, SQLite, Oracle, SQL Server Integration Services,

Networking

Wireguard, shorewall, Linux based routing and hosting, VPN/LAN/WAN administration,

Misc Software and Operating Systems

AWS, Android, Windows Server, Linux, Debian, Gentoo, Red Hat, Slackware, OSX, VMWare ESXi, Hyper-V, VirtualBox, Samba, Geospatial Data abstraction Library, Apache, Campbell Scientific LoggerNet, Linoma Software GoAnywhereMFT, Anywhere Services/Gateway, NGINX, Tomcat, Visual Studio, Adobe Photoshop, GIMP, Atom, Eclipse, Subversion, Git, Redmine, Trac, GeoServer, AutoCAD, VirtualBox, Django, QGIS, ArcMap, Bentley Auto-Plant, Bentley ProjectWise, Vision, Promis-e Electrical Design