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I offer five years of experience architecting and developing scalable cloud platforms from database design and micro-service clustering to UI/UX development and continuous deployment pipelines. I have excellent project-management skills in all flavors of agile methodologies, great attention to detail, and the ability to see the overall picture from development to the business level. All of these make me an ideal and well rounded candidate for this opening.

Top Career Objectives:

- Create a successful product that has a positive impact on people's lives across the globe.
- Run a team of engineers as a strong leader, mentor, and architect for a rapidly growing company.
- Build a high growth and profitable company from the ground up.

Life Goals:

- Create a successful product that has a positive impact on people's lives across the globe.
- Mentor a team of young engineers to a point where they can set and achieve goals as a standalone team and more importantly to the point where each individual is setup to accomplish at least one of their top life goals.
- Accomplish the first two goals while traveling the world and working remotely.

Qualifications - B.S. in Computer Science - University of New Hampshire.

Development

Languages

- Java
- Python
- Javascript
- Angular
- HTML
- CSS
- SQL
- C#
- C
- XML
- JSON
- Bash

IDE and OS

- IntelliJ
- Webstorm
- Pycharm
- Eclipse
- NetBeans
- Vim and Vi
- Emacs
- Cloud9
- Visual Studio
- And more...
- Many Operating Systems

SCM

- Git
- Github
- Gitlab
- Perforce
- SVN
- Accurev

Orchestration

- Maven
- Pip, PyPi, Eggs
- Npm
- Bower
- RequireJS

Database and Storage

- AWS RDS
- Cassandra
- PostgreSQL
- DynamoDB
- MySQL
- MSSQL
- RethinkDB
- MongoDB
- Derby
- Redis
- Elasticache
- S3

Penetration Testing

- Kali linux tools: Wifite, driftnet, hashcat, Fern, Wireshark, urlsnarf, aircrack-ng, ettercap

Cloud Services - (Experienced Scaling services up, down, and out)

AWS Specific

- EC2 and AMI
- ECS
- EBS
- Lambdas
- Kinesis
- DynamoDB and RDS
- Elasticache
- Elasticsearch
- SQS, SES and SNS
- API Gateway
- VPC and Internet Gateway
- Security Groups and IAM
- Load Balancer
- Route 53
- CodeDeploy
- CloudWatch
- CloudFormation

Clustered/Scaled Services

- Kubernetes
- Twemproxy and Redis
- Apache Camel
- Rest APIs
- Socket/Session driven interfaces
- Bot Network (ask me more)
- RethinkDB
- ActiveMQ - Communication and Scheduling
- RabbitMQ
- Elastic BGPs as workers and consumers

Architecture and Design - (Design with security, scale, and ease of use in mind)

Core Architecture

- RESTful services
- Micro services
- Distributed systems
- Scalable background processors
- Messaging frameworks
- Pluggable Modules
- Rule-based services
- Schedulers
- Event driven frameworks and notifications
- Chat networks and interfaces
- Database schema design
- Oauth, Shibboleth, SAML
- Full stack security while retaining anonymity and FISMA compliant security.

UI Design

- UI/UX design
- Website design and dev.
- SAAS UI design and dev.
- Single page apps, analytics dashboards, system control dashboards, etc.
- Chat interfaces
- Responsive designs.

Build and Deployment- (Experience building CI and CD pipelines so teams can work smoothly)

- Maven, Gradle, Ant, Grunt, Gulp
- Nexus, Artifactory, PyPi
- Github and Gitlab pipelines
- Jenkins, Travis CI
- Docker and Docker Registries
- Apache, Nginx, and various AWS services
- Staging environments
- Install and manage SSL certificates
- Vagrant, vSphere, and Virtual Box

Collaboration and Methodologies

- Jira and Confluence
- Trello, Waffle, Github
- Slack, MS Teams, Hipchat, IRC
- Various Document collaboration tools
- Scrum and Kanban
- TDD, BDD, DDD

Experience

Whoop Inc - (July 2017 - Current)

Senior Full Stack Engineer

Responsibilities:

- Architect, design, and develop APIs and data pipelines.
- Handle product focused cloud security.
- Migrate services to scalable solutions.
- Mentor and lead junior engineers and interns
- Lead CI/CD with deployments on Kubernetes, ECS, Elastic beanstalk, etc.
- Build and manage Kubernetes clusters for multiple environments.
- Develop and scale data ingestion pipeline for a large cardinality of users.

Trusty Ninjas Contracting - (October 2016 - Current)

Cloud Engineering Consultant/Contractor (Co-founder)

Responsibilities:

- Architect, design, and develop projects from the ground up.
- Handle security for clients starting new projects.
- Design scalability for traffic and load across all services.
- Foster a learning relationship with clients and their employees to help get them started with product fast. Teach them to understand what decisions to make for future scalability and stability.
- Understand business goals to better provide product that suits the client's needs.
- Deliver process side by side with code including continuous integration and deployment and agile methodologies.

Zeal Technology - (June 2016 - July 2017)

Lead Software engineer (Co-founder)

Responsibilities:

- Develop, design, test, deploy, gather feedback, on product from ground up.
- Create reliable, scalable, and innovative ways to handle traffic through a custom messaging platform.
- Pitch product and company to investors and customers and investors.
- Run a beta program to gather feedback and prove market fit.
- Build road map to produce a core vision for both product and company as a whole.
- Manage product direction and backlog including maintaining agile methodologies as well as meeting rapidly changing business needs while maintaining data driven development.
- Interview and hire employees.
- Make sure that technologies being used within product are the right ones to drive the company far into the future, become massively scalable, and are reliable.
- Cultivate and be part of a thriving and passionate culture that Zeal encompasses.
- Make companies better places to work!

Crescendo/Percussion (Sister Companies) : - (May 2014 - June 2016)

Software Engineer

Responsibilities:

- Work within a fast paced environment to bring a full cloud SAAS product to market within 16 weeks.
- Design and develop product from the ground up full stack using Java, Angular, Python, HTML, CSS
- Scale tables, systems, and network in the cloud keeping in mind utilization and cost respectively.
- Architect and maintain the notifications microservice and standards within the product.
- Develop features that span across microservices interacting with one another in a RESTful manner.
- Boost system performance utilizing Redis as a distributed system cache and sharding across multiple redis nodes to provide robustness and high performance caching.
- Develop on and integrate social libraries including contribute back to Spring Social Open source libraries.

- Develop and gather analytics on customer data, traffic, and interaction with content to apply monetary value to content creation and drive business opportunities and revenue.
- Iterate features based on customer feedback and business driven decisions.
- Develop tooling for Redis interaction, continuous integration and deployment automation to smooth out any bumps around optimizing continuous development.
- Administer the company's Jira instance and help run Scrum.
- Utilized Shibboleth and SAML to integrate SSO into the product.
- Developed features full stack creating RESTful services on the backend and javascript and jquery on the front end.
- Developed tooling used by development and customer success teams in python.

AccuRev - Software Engineer Intern (2013-2013)

Metratech - Software Engineer Intern (2011 - 2012)