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| Senior Lead Software Engineer  Raghavendra challapali | Phone: +91-8892847134  Email: challapali@gmail.com  LinkedIn: [Raghavendra Challapali](https://www.linkedin.com/in/challapali/)  Location: Bangalore, India |

# Objective

Senior Lead Software Engineer interested in solving day-to-day Business problems with 7+ years’ experience in Software Architecture, Design, and Backend Development for building large scale systems. With in-depth knowledge and extensive hands on experience in Python and Golang based web frameworks, have developed numerous microservices systems.

# Skills

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| **Languages**  Python, Golang, NodeJS, Bash, Perl, C++  **SQL/NoSQL Databases**  PostgreSQL, Redis, Cassandra, MySQL, MongoDB, SQLite, memcached, ElasticSearch | **Web/Backend Frameworks**  Django, Celery, RabbitMQ, Nginx, Gunicorn, Flask, Tornado, HashiCorp Vault, Tastypie, Django Rest Framework, Jinja2, OpenSSL, Scrapy, Apache Solr, Apache Tomcat | **Development Tools/Environments**  GIT, Ansible, Boto3, AWS (Route53, EC2, ELB, RDS, S3, etc.), Docker, Vagrant, VMWare, VirtualBox, Kibana, HashiCorp Consul, Fabric, SendGrid API, Duo API, ElasticSearch API, Google Search API, Bing Search API, Google Maps API. |

# Work Experience

Senior LEAD Software ENgineer – Akamai Technologies India Pvt. Ltd. **-** Bangalore, KA - Oct 16 - Present

Working as Lead Developer for Zero Trust at Akamai, I am involved in design and development of a multi-tenant system to maintain tenant-based configuration, deployment of those configurations onto application network and tenant’s user validation and authentication. I am currently leading all the efforts needed to make the backend systems robust to handle 100’s of tenants.

* **Architecture Scaling and HA:** Revisiting all the state-based components integral to Zero Trust architecture to evaluate its capacity and redesigning it to handle a scale of 100s of tenants with millions of users each.
* **Password Vault:** Designed, architected and developed a KMI system for storing user credentials and certificates in a secure way for enabling Single Sign On (SSO) for form post websites like Facebook, ADP, AWS Console etc.
* **Upgrade Portal:** Designed and architected a product for upgrading a network of servers playing various roles. The Upgrade Portal was a POC for handling system upgrades at a scale of 100s of instances seamlessly with click of a button. Currently managing, reviewing and overseeing development of the project to bring it to production ready.
* Developed various features integral to Zero Trust for customer acquisitions – Integration of Duo for MFA, Enabling Active Directory password to change remotely, Categorization of Applications, Customized multi-language support for user portal.

Senior Software engineer – Soha Systems India Pvt. Ltd. - Bangalore, KA - July 16 - Sep 16

As a part of Backend Team was working on a revolutionary Cloud based Enterprise Access product. The company along with our team had a successful exit via acquisition by Akamai.

Software engineer – Compile India Pvt. Ltd. - Bangalore, KA – Feb 13 – June 16

As a part of core engineering team at Compile was involved in developing intelligent sales product (Compile Sales) and a marketing insights product (Compile IS). Responsible for implementing systems to crawl, extracting and analyze data to get valuable sales and marketing insights for various industries, sectors and verticals.

* Designed, developed and deployed a full scale product for generating marketing insights using Job postings from scratch to a scale of handling about 7 million job posts.
* Designed and developed system for crawling, extracting and processing large scale of documents (PDFs) for an intelligent sales product.
* Developed a NLP module for classifying documents (RFPs, News Articles, Financials Reports, etc.) and identify buying intent of technology products like Storage, Security, Networking and CRM products.
* Built a system for crawling, deduplication and indexing of news articles representing market signals like Data Breaches, Layoffs, New Hires, Executive Changes, Vulnerabilities, etc.

# Education

DUAL Degree (B.Tech & M.Tech), 2013 – Indian Institute of Technology, Madras - Chennai

* Specialization: Computer Science and Engineering – Master’s Specialization: Computer Vision