

My Name

Email: email@gmail.com

Phone: +91-9999999999

Summary

I am a software engineer currently working with Company Name. I have been responsible for developing a Product (<https://product.com>) - a popular use-case here tool from scratch and have been its engineering caretaker. My work included POC's for technical viability, system architecture design, developing core features and scaling the infrastructure to meet higher workloads with no downtime. The platform serves thousands of requests per second and sends out more than 10 million messages a day.

Specifically, I have interests in scalable system design, distributed systems and infrastructure engineering.

Technical Skills

Languages: Golang, PHP, Python, Ruby, JavaScript, C++, Java, ASP.NET, HTML, CSS, Bash

Databases: MySQL, Postgresql

In Memory Data Storage: MemCached, Redis

Message Queuing Solutions: RabbitMQ, Kafka

Frameworks and Libraries: Ruby on Rails, JQuery, NodeJS, Codelgniter, Django, Flask, Twitter Bootstrap

Content Management Systems: WordPress, Joomla

System Administration: Linux (apt based distributions)

Work Experience

Lead Backend Engineer at Company

September 2014 – Current

- Created the first prototype of **Product** (<https://product.com>) and scaled it to a full-fledged product.
- Handled backend (PHP, MySQL, MemCached, RabbitMQ), frontend(JavaScript) and sys-admin(Linux) work.
- Wrote an object oriented framework which serves as the backend framework of Product.
- Architected and developed core features such as feature1, feature2, feature3.
- Identified bottlenecks in some solution and wrote a fault tolerant solution in Golang which reduced CPU usage by 20x in case of message delivery spike instances.
- Handled technology stack upgrades and infrastructure scaling with no downtime. One such incident involved upgrading from PHP 5.6 to PHP 7 and Debian Wheezy to Debian Jessie.
- Wrote microservices for message encryption in NodeJS.
- Developed a build deployment process for atomic deployments of the application.
- Wrote bash scripts for generating and storing backups of the database and the CDN filesystem.
- Wrote a tool which generates financial reports by pulling data from another product using Flask(Python)
- Developed a Q&A tool to analyse landing pages (<http://tool.io>)

Software Engineer at Company

April 2014 – September 2014

- Designed and developed a video surveillance system using the FFMPEG library.
- Implemented Restful API's to facilitate communication between the website and the CRM.

Software Engineer at Company

Dec 2013 – April 2014

- Developed integration libraries for Product (product.com) - a payment gateway and Another Product (product2.com) - a payments wallet for various platforms - Python, JSP, ASP.NET C#, Ruby and Rails, Magento, Wordpress(WooCommerce), OpenCart, Drupal Commerce.
- Debugged and solved various technical issues which merchants faced in technical integration.

Technical Lead (Web Developer) at Company

September 2012 – Feb 2013

- Got an OO framework implemented which led to faster development of dynamic websites.
- Led a team of 4 developers to develop a dynamic website for a Gov Body (<http://gov.in>)

Open Source Work

- Wrote a Ruby library for getting a live stream of tweets matching a certain condition using Twitter's Streaming API. (<https://github.com/personname/repository-name>)
- Wrote a PHP-PDO wrapper to connect to MySQL and to issue SQL commands. Uses parameterized statements to prevent SQL injection. (<https://github.com/personname/repository-name>)

Freelance Work

Dec 2011 – Nov 2013

- Developed a Sales and Inventory Management application for Company Name Pvt Ltd using the Swing Framework in Java, MySQL.
- Changed framework of An NGO's website (<http://www.website.in/>) from Drupal to Wordpress.

Education

Bachelor of Technology (Computer Science)
My University here, Some City Name

Aug 2008 – June 2012
: 70.01%