

Bharath Krishna

bharath.chakravarthi@gmail.com

<http://bharathk.in>

+81-8087322215

+91-7760779000

Summary

- An application engineer with 9+ years of experience in IT field.
- Expertise in RESTful API development using golang, python and their frameworks.
- Deep knowledge of kubernetes (with CKA certification) and docker.
- Working knowledge of infrastructure-as-code tools like ansible and terraform.
- Knowledge of version controlling tools like git.
- Good at building CI/CD pipelines using jenkins
- Experience in leading complete software development with 3-6 team members.

Strengths

- Expertise in both python and golang.
- Experienced as backend engineer as well as devops engineer.
- Have decent knowledge in frontend application development using react.
- Deep knowledge of cloud services.
- Have strong exposure to agile-scrum development methodology.
- A quick learner having ability to work with multiple projects independently as well as in a team.

Work experience

Sep-2014 to present:

Application Engineer, Rakuten, inc. Tokyo and Rakuten India Enterprise Pvt. Ltd. Bengaluru.

Roles and Responsibilities:

- Building APIs for Infrastructure as a Service with VMware vSphere as backend.
- Building APIs for DNS as a service with SDKs for nominum and infonlox backend.
- Building APIs for load balancer as a service with BigIP backend.
- Building infrastructure-as-a-code using terraform and ansible.
- Extending terraform with custom plugins and writing GoLang SDKs for company's cloud platform.
- Write testcases using pytest, load tests using locust to check the efficiency and stability of services.
- Writing batch scripts and daily running jobs for collecting auth data using apache airflow.
- Developing toolkit for easy building, testing and deployment of REST APIs using FastAPI and Gin Gonic framework.
- Building authentication and authorization services using keycloak and kong.
- Lead team of 3 members by managing tasks, providing guidance on requirements.
- Worked as scrum master to supervise project progress with daily huddles and review meetings.
- Collaborating with different teams to get requirements and improve our services.

Tech Specs: Golang, Python, Kubernetes, Ansible, Terraform, Graph DBs.

Jan-2014 to Sep-2014:

Associate IT consultant, ITC infotech and Robert Bosch, Bengaluru.

Roles and responsibilities:

- Provide support to the source code management tool (MKS and ClearQuest) hotline, automate the support task.
- Write PERL scripts to synchronize data from and to customer site.

Tech Specs: Perl

Apr-2013 to Jan-2014:

Software Engineer, eHover Systems India Pvt. Ltd.

Description: Build cloud based personal surveillance system for working parents.

Roles and Responsibilities:

- Development of a secure system/software to handle CCTV Cameras (using EC2), to capture.
- Store surveillance data in Amazon Cloud servers (in S3) using AWS SDK, development of web interface to access surveillance data using PHP and code igniter.

Tech Specs: Perl, PHP, AWS (S3, route53, EC2), ZoneMinder.

Apr-2011 to Apr-2013:

Project Assistant, Dept. of P.G. Studies and Research in Biotechnology and Bioinformatics, Kuvempu University.

Title:

Studies on the dynamics of the Endotoxin neutralizing protein interaction Network (PIN) with Anti Inflammatory Molecules

Roles and responsibilities:

- Development of Perl modules for automated Molecular dynamic simulation of Endotoxin neutralizing proteins.
- Development of web application to analyze SBML files using python bindings of libSBML package

Tech Specs: BioPython, BioPerl, LibSBML, Gromacs,

Sep-2010 to Feb-2011:

Intern, Software developer, Institute of Bioinformatics and Applied Biotechnology (IBAB), Bengaluru.

Roles and responsibility:

- Build "Mammalian Gene Expression Database"

- Development of web app for maintaining bio-curator's Data using PERL, Mysql, Java-script.

Technical skills

Languages and Web technologies: Python, Golang, Javascript, HTML, CSS, React

Infrastructure management: Ansible, Terraform

Frameworks: FastAPI, Flask, Gin Gonic

Database: Graph DB, Mysql, MongoDB, couchbase

CI/CD and Build tools: Jenkins, TravisCI

Cloud Computing: Kubernetes, GCP, AWS

Container: Docker

Certifications and recognitions

Successfully completed "Certified Kubernetes Administrator" Certificate program from Linux Foundation.

Education

Acquired Bachelor's Degree in Biotechnology then Master's in Bioinformatics from Kuvempu University, Karnataka.

Personal Profile

Name:	Bharath Krishna
Age:	33 years
Date of Birth:	28/10/1987
Gender:	Male
Nationality:	Indian
Languages Known:	Kannada, English, Hindi, and Telugu.
Hobbies & Interests:	Gardening, farming, gaming and movies

Declaration

I hereby declare that the above-mentioned information is correct to my knowledge, and I bear that responsibility for the correctness of the above-mentioned particulars.

Date:

Bharath Krishna