

**DEEPAK SHINDE**  
**Sr Cloud Engineer | Software Developer**  
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**Summary:**

- Cloud enthusiastic team player having around 9+ years of experience in the IT industry as cloud engineer/software developer with proven expertise in GCP(Google Cloud Platform), AWS, ROR and Python.
- Experience in Creating and maintaining containerized microservices and configuring/maintaining private container registry for Hosting Images.
- Experience in using tools like Docker Compose, Kubernetes, for Orchestrating and deploying the services related to the Containers and with container-based deployments using Docker,
- Expertise in creating Kubernetes clusters with cloud formation templates and deploying them in GCP environment, automation and monitoring the health of pods using Helm, Terraform etc.
- Experience in installing, configuring, managing MYSQL, SQL Server, PostgreSQL and MongoDB. Ability to build deployment, build scripts and automated solutions using scripting languages such as Bash, Shell, Ruby, and Python.
- Full Stack developer, Expertise in developing web based applications and managing in production environments.

**Cloud Certificates:**

- [Google Professional Cloud Architect](#)

**Technical Skills:**

**Cloud Environment:** Google Cloud Platform (GCP), Amazon Web Services (AWS)

**Infrastructure as code:** Terraform, HELM, Deployment manager.

**Operating Systems:** Linux (CENTOS), Ubuntu, DEBIAN, Windows.

**Scripting:** Shell Scripting, Python, Ruby, Perl and PowerShell, Perl.

**Version Control Tools:** GIT, GITHUB, GitLab, Subversion (SVN), and Bitbucket.

**Containerization Tools:** Docker, Kubernetes.

**Automation & Configuration Tools:** Chef, Shell Script, Ansible, Jenkins.

**Orchestration Tools:** Kubernetes and Google Cloud Engine.

**Databases:** MySQL, PostgreSQL, MongoDB.

**Web Framework:** ROR, Django, React.

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**Education:**

Bachelor Degree(BE), Computer Science (2007-2011, VIT Pune)

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**Employment:**

**Coriolis Technologies**

Member of technical staff

Aundh, Pune

July 2014 - Present(7.7)

Project name	Entrust/Hytrust(Currently working project)
Technical details	HyTrust specializes in security, compliance and control software for virtualization of information technology infrastructure. Responsible for all GCP related operations and team lead.

Duration	June 2018 till date
Technologies	GCP, AWS, kubernetes, Python, Django, Perl, Shell Script, Java
Role	<ul style="list-style-type: none"> <li>Created and deployed Kubernetes pod definitions, tags, labels, multi-pod container replication. Managed multiple Kubernetes pod containers scaling, and auto-scaling.</li> <li>Worked on google cloud platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.</li> <li>Setup GCP Firewall rules to allow or deny traffic to and from the VM's instances based on specified configuration and used GCP cloud CDN (content delivery network) to deliver content from GCP cache locations drastically improving user experience and latency.</li> <li>Worked on Jenkins file with multiple stages like checkout a branch, building the application, testing, pushing the image into GCR, Deploying to QA3, Deploying to QA9, Acceptance testing and finally Deploying to Prod</li> <li>Created Docker images using a docker file, worked on Docker container snapshots, removing images and managing Docker volumes and also virtualized servers in Docker as per QA and Dev-environment requirements and configured automation using Docker containers.</li> <li>Migrated AWS to GCP , Converted monolithic applications to microservices and deployed on the cloud.</li> <li>Worked on writing multiple Python, Ruby, and Shell scripts for various company wide tasks.</li> <li>Leading backend and UI Team</li> </ul>

**Project name** SpotPhish (<https://github.com/coriolis/spotphish>)(Open source project)

**Technical details** SpotPhish is an open source browser plugin which provides zero-hour phishing protection. It warns users if they visit a page which resembles the login page of popular sites like Facebook, Amazon, etc. It does this by taking a screenshot of the active browser tab and comparing it with image snippets of well-known sites using computer vision techniques.

**Duration** May 2017 to 2021

**Technologies** JavaScript, HTML, CSS, Chrome plugin, ML

**Role** Worked as a Javascript developer.

**Project name** Project Awesome and Parroz

**Technical details** This was a product which enabled users to block unwanted ads and show relevant ones based on their profiles. These profiles were created dynamically by inferring user choices.

**Duration** April 2016 - May 2018

**Technologies** ROR, MongoDB, Python, JavaScript, ReactJS.

**Role** Lead Ruby on Rails Developer, Responsible for Production setup, deployment and maintenance. Worked on Ruby, MongoDB, ReactJS.

**Project name** DSP Builder

Technical details	This was an application which would allow users to build high frequency real time bidding agents for on-line advertisements based on the RTBKit open source project. We designed and developed a bidding agent with configurable policies to bid dynamically on available ad slots.
Duration	July 2014 - Jan 2016
Technologies	ROR, MongoDB, JavaScript, Redis, HTML, CSS.
Role	Worked as Ruby Developer and developed the backend web service to bridge UI and C++ core. Redesigned Database with multi-tenant architecture. Replaced rescue jobs with Backburner jobs to improve performance.

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**QuadNode Pvt Ltd**  
Senior Ruby on Rails Developer

Viman Nagar, Pune  
July 2013 - June 2014

<b>Project name</b>	<b>Tabacus</b>
Technical details	Tabacus Initiative is a personal learning environment for tablets that keeps the class connected, generates real time smart analytics and offers the best user experience.
Duration	May 2013 - June 2014
Technologies	ROR, PostgreSQL, JavaScript, HTML, CSS.
Role	Worked as Ruby Developer. Designed and developed a full project from scratch.

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**Amura Marketing Technologies**  
Junior Ruby on Rails Developer

Baner, Pune  
Jan 2012 - July 2013

<b>Project name</b>	<b>Multiple small projects</b>
Technical details	Worked on real estates and car inventory projects. Like Klein Honda, Goudy Honda, Tribute Home, True homes USA, Oberoi realty.
Duration	Jan 2012 - June 2013
Technologies	ROR, JavaScript, MySQL, HTML, CSS.
Role	Worked as Junior Ruby Developer. Created ROR backend for websites. Migrated old rails project to Rails 3.2. Optimized database queries to improve performance.