

---

# Selvakumar S

---

`selvakumar.space`

`s3lva-kumar` on GitHub

`s3lva.kumar@protonmail.com`

---

**2023 - Present**      **DevOps Engineer**@itTrident Software Services  
Working on the DevOps team

**2021 - 2022**      **Junior DevOps Engineer**@itTrident Software Services

## Open-source Projects

**Ansible-Role-Uguu**      <https://github.com/s3lva-kumar/ansible-role-uguu> - This role installs uguu. Uguu is a simple lightweight temporary file hosting and sharing platform, but can also be used as a permanent file host

**Ansible-Role-GoCD**      <https://github.com/s3lva-kumar/ansible-role-gocd> - This is the role to install GoCD(CI/CD tool) with server and agent.

**Terraform-Linode-Faasd**      <https://github.com/s3lva-kumar/terraform-linode-faasd> - faasd Terraform plan targeting the Linode Cloud, It will be create the infra and install the faasd.

## Education

**2018 – 2021**      **Bachelor of Science (Computer Science)**  
Thiru A Govindaswamy Govt. College of Arts

## Awards and achievements

**2023**      Awarded for the month of April: iOS deployments  
**2022**      Awarded for the month of November: For all my client side work  
**2022**      Awarded for the month of August: Developing an API which switches development environment ECS clusters on and off at the users discretion written using the FastAPI framework.  
**2022**      Awarded for the month of March: Constructed AWS infrastructure using CloudFormation as code (IaC) and established a CI/CD pipeline with GitHub Actions

# Career History

**2022 - Present**  
**Projects**

**DevOps Engineer** at itTrident Software Services  
**Global Crossing Airlines**

Trailblazed the grassroot CI/CD pipeline bridging of a stack made up of ReactJS, Strapi CMS, & Serverless Framework (MW) w/ GH Actions, Infra provisioning (IAM, S3, etc) via CF, TaskDefinition & Container Deployments in ECS. The foundations entailed choosing a AWS service which strook the right balance supporting such a workload, Husky hooks to ensure commit messages are consistent across branches. Secured the Dev & QA ecosystems by placing them behind context-aware access policies blanketed by the Cloudflare One SASE platform.

Implement initial CI/CD using GitHub Workflows

Implement CloudFormation IaC tempate for setup Infra on an AWS

Deployed the application on ECS Faragte

Setup AutoScaling and LoadBalancer for the application

Configured the Domain with SSL to the applications

Migrated the Domain from GoDaddy to Cloudflare

Written the Python API for manipulating the ECS fargate servers

## References

**Steve Seear** (details on request) — Department lead and engineer for VaultPress/Rewind at Automattic

**William Viana** (details on request) — Backup team lead and engineer for VaultPress/Rewind at Automattic

+61 404 889 007 **Seb Welsh** <seb@canva.com> — Security team lead at Canva

+61 449 155 603 **Niall O’Riordan** <noriodan@atlassian.com> — development manager for Server products and interim team lead at Atlassian

+61 419 043 926 **Nigel Dutton** — computer science teacher, systems administrator, and manager of operations at Willetton Senior High School