Roshan Thomas

Computer Science is my Passion. Engineering is my Profession.

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- Bangalore, India
- github.com/rshnGhost
- ## rshnthms.github.io

Education

Bachelor of Engineering

Reva Institute of Technology and Management

Computer Science and Engineering

2014 - 2021

Bangalore, India

Diploma

Impact Polytechnic

Computer Science and Engineering

2011 - 2014

Bangalore, India

Work Experience

Software Engineer & DevOps Engineer

Thakral One Solutions

November 2021 - Present

India

Sub-clients: Gemlife, Nespresso

- TalentMaster ATS (Design Development, Full-stack)
- AWS DevOps: Configured OpenSearch, Lambda, SQS, SimpleDB, Step Functions, RDS, CodeCommit, S3
- Azure DevOps: VM task management, CI/CD pipeline development, build, deploy and test automation
- Containerization with Docker for application deployment and scaling
- Container management using Portainer for Docker orchestration
- Web server configuration and management using Nginx
- Local AWS development using LocalStack for testing and development
- WSL (Windows Subsystem for Linux) environment setup and management
- Cluster upgrades, patching, backup & recovery operations
- Linux/Unix system administration and server management
- Automation with Ansible for infrastructure provisioning and configuration
- System monitoring, troubleshooting, and performance optimization
- ETL pipeline development using Python for data processing
- Git Operations: Pull Request approvals, branch management, merge conflict resolution
- Platform Management: BitBucket, Jenkins, Platform.sh service deployment
- Data quality and consistency enforcement across systems
- Encryption and secure access implementation
- Python Dashboard Development and SharePoint Integration

Contact: Jeremy Hebblethwaite

Associate Software Engineer

Mount Carmel College

August 2021 - October 2021

India

- Website App Development
- Automated Testing Modules
- Bug troubleshooting and resolution
- Faculty and Student Information Management

Technical Trainer

Freelancer

July 2017 - July 2021

India

- C Programming and Data Structures
- Python Programming Fundamentals
- Website Development using Django Framework
- Machine Learning Concepts and Implementation

Software Engineering Intern

Larsen & Toubro, Bangalore

June 2016 - August 2016

Bangalore, India

- Worked with company internal procedures and protocols
- Network monitoring and issue reporting
- Internal ticket management system

Contact: Jagan Mohan P

Personal Projects

Password Manager (Raspberry Pi)

November 2020 - Present

Web USB

Chrome Extension

Raspberry Pi

FastAPI Application for Scheduler

2024 - 2025

Python

FastAPI

Scheduler

CRON Jobs

PostgreSQL

Traefik

Python Dashboard & SharePoint Automation

2022 - Present

Python

SharePoint API

Data Visualization

Automation

Twitter Sentiment Analysis

June 2019 - July 2020

Python

Django

Machine Learning

Implementation of IEEE Paper

June 2012 - July 2013

JSP

Java

Technical Skills

Programming & Scripting



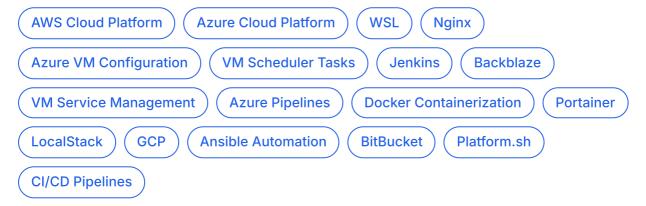
AWS Services



Frameworks & Databases



Cloud & DevOps



Development & Automation



Languages

English (Kannada) (Malayalam) (Hindi)

Interests

 $ig(ext{Computer Gaming} ig) ig(ext{Cricket} ig) ig(ext{Football} ig) ig(ext{Reading Books} ig) ig(ext{Python Development} ig)$