



M Rathinavelkumar

Python Developer | DevOps Engineer

CONTACT

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34, Vallananthapuram,
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rethnavelkumar@gmail.com
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EDUCATION

2016
BE - BME
PSNA CET

2012
H.S.C
H.D.I Jain Matric Hr.Sec School

2010
S.S.L.C
B.M.S Vidhyalaya Matric school

PRO.SKILLS

Python
AWS
Terraform
Bitbucket (Infra)
Flask / Fast API
Docker / CI

PROFILE

Experienced Tech Lead with over **7+ years** of expertise in **Python** backend development, **automation scripting**, data analytics, and **DevOps** engineering. Proven track record of successfully guiding high-performing teams to success and translating business objectives into robust technical solutions.

Proficient in **architecting AWS** solutions, employing **Terraform** for scalable infrastructure, and optimising deployments with **Docker** in the DevOps domain. My leadership style fosters collaboration and innovation, ensuring alignment between technical strategies and business goals. Prepared to leverage my extensive skills in Python, AWS, Terraform, Docker, and more to elevate your team and drive success.

EXPERIENCE

Jul 2022 - Present
Athenahealth Technology Private Limited | Chennai

SENIOR SOFTWARE DEVELOPER

Pioneered the seamless migration of **Bitbucket Data Center** on **AWS**, orchestrating a shift from Sparkle Formation to the efficiency of **Terraform** Infrastructure as Code (IAC). Expertly implemented **Disaster Recovery** (DR) protocols, integrating backup and restore concepts for robust system resilience. Actively engaged in research and development, exploring **Active-Active** and **High Availability** (HA) models for future system enhancements. Additionally, Introduced a strategic organization-wide **branching strategy**, enhancing our SDLC for a more agile and effective **unified pipeline** delivery.

Feb 2021 - Jul 2022
CBTS Technology Solutions | Chennai

SOFTWARE DEVELOPER

As an Application Developer, I spearheaded two pivotal projects. Crafting a **TCO Dashboard** using **Python**, **MySQL**, **Tableau**, and **PCF** for budgeting and integrating data seamlessly from diverse sources such as **CHEF**, **Vrops**, **Service Now**, **Citrix**, **OEM**, **PCF**, and **Akamai**. Simultaneously, I streamlined daily server compliance tracking in a 6-month initiative with a **Compliance Dashboard**, adeptly gathering data from sources including CHEF, VROPS, and Service Now. Both projects significantly improved reporting efficiency and audit readiness, showcasing my multifaceted expertise in application development and data integration.

Dec 2016 - Feb 2021
Cognizant Technology Solutions | Coimbatore

ASSOCIATE - AUTOMATION ENGINEER

Led automation efforts for a project encompassing **SAP**, Online, and web services, showcasing proficiency in **Python**, **Javascript**, **Selenium**, and **Protractor**. Developed a **FLASK**-based dashboard control panel with **MySQL** DB and **REST API** calls for internal management purposes. Defined automation scope, converted functional test cases into scripts, and implemented a **Continuous Integration** framework using **TCShell** and **TOSCA** dashboard for streamlined execution and reporting. This experience underscores my multifaceted skills in automation, project management, and contributing to improved application performance.

SKILLS

Java / Javascript / Vb script

Jenkins / PCF

Perforce / Github



React JS, HTML, CSS and Bootstrap

PostgreSQL, MySQL and Snowflake

Windows, Mac, and Linux

TOSCA, Selenium, Protractor and UFT

CERTIFICATIONS

- **TOSCA**
Tricentis Certified Automation Engineer Level 1 (AE1) in TOSCA
- **Python**
Cognizant/Hackerrank Certified Professional in Core Python
- **Java**
Cognizant Certified Professional in Core Java

LEARNINGS

- 7536 th Rank
HACKEREARTH
Basic Programming Leaderboard
- 62,576 th rank
HACKEREARTH
Data Structure Leaderboard
- 20,355 th rank
HACKEREARTH
Algorithms Leaderboard
- 2 ANDROID APPS**
[Smart Health - App Link](#)

LANGUAGE

English

Tamil

TECHNICAL EXCELLENCE

- SDLC, ARCHITECT, OOPS, AGILE, CLOUD** - Experienced in the full Software Development Life Cycle, architecting scalable platforms, object-oriented programming, database design, agile methodologies, and cloud technologies
- FLASK, FAST API, SQL-ALCHEMY, REST APIs** - Experienced in developing backend applications, utilising Python for REST API creation with Flask and FastAPI, and incorporating SQLAlchemy to interact with SQL databases
- AWS services (EC2, EBS, ELB, RDS, S3, Route53, Open-search)** - Expertise in crafting robust and scalable solutions within the AWS ecosystem, ensuring optimal performance and efficiency for diverse cloud-based projects.
- MLEU, BANKING, HEALTHCARE DOMAINS**- Expertise in Application development, Test Strategy creation, Project estimation, Team building for development projects in Manufacturing & Logistics | Energy & Utilities | Banking | Healthcare domains
- TERRAFORM** - Crafted numerous scripts to automate infrastructure creation seamlessly within AWS. Demonstrated expertise in streamlining processes for efficient, scalable, and hassle-free cloud deployment
- BITBUCKET, JENKINS, ARTIFACTORY, DOCKER, SPLUNK** - Possessing a robust understanding of CI/CD pipelines and tools. Proven track record of sculpting efficient workflows, ensuring a symphony of seamless development / deployment experiences.

WORK ACHEIVEMENTS

- Received **client accolades** for implementing end-to-end automation during migration, significantly reducing manual efforts and expediting project delivery. Recognized for enhancing efficiency through streamlined processes and automation excellence
- Achieved **significant cost reductions** by harnessing cutting-edge instance and volume types during migration, a move that not only upheld performance standards but also bolstered security measures. This strategic optimisation exemplifies a commitment to efficiency and financial prudence
- As a technical leader, led a **5-member team** to successful project delivery. Role encompassed guiding the team in Agile practices, conducting code quality checks, providing technical assistance, offering guidance during blockers, and serving as a mentor to foster professional growth.
- Proactively embraced **new technologies** as needed, mastering them swiftly to ensure timely project delivery. A commitment to continuous learning and adaptability, demonstrating the agility required to meet project deadlines successfully

PERSONAL DETAILS

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| Father's Name | M Murugan |
| Mother's Name | M Muthunagu |
| Date of Birth | 2nd Nov 1994 |
| Sex | Male |
| Nationality | Indian |
| Marital Status | Single |
| Hobbies | Cricket & Badminton |
| | Movies |
| | Blogging |