VASHANTH S
Software Engineer

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📞 9003395719   in Vashanth

↖ www.vashanth.space

○ Vashanth S

SKILLS

PROGRAMMING

HTML	CSS
JavaScript	Bootstrap
React.JS	Docker
Python	Kubernetes
Linux	MySQL

TOOLS

Jenkins	Terraform
Ansible	Git
Jira	VS Studio
Figma	Photoshop

OTHER

Continuous integration and Continuous Delivery (CI/CD) | AWS | Canva | Microsoft Azure | DevOps

EDUCATION

MBA Finance And Marketing
JAIN UNIVERSITY
Jun 2021 – Oct 2023 | Online

Bachelor in Mechanical Engineering
SSM Institute of Engineering and Technology
2021 – 73.8% | DINDIGUL

H.SC
SSM Matriculation Higher Secondary School
present 61% | dindigul

S.S.L.C
S.M.B.M Matriculation Higher Secondary School
present 82.6% | dindigul

PROFILE

Always excited to deep dive in to technologies. Like to explain things I learnt through blogs and projects. Believe more in practicality than theory. My interest to design and develop appliactions is what keeping me on the move.

PROFESSIONAL EXPERIENCE

Associate System Engineer
CGI IT AND BUSINESS CONSULTING
Sep 2021 – present | Bangalore, India

- Transformed CI/CD pipelines with GitLab CI/CD, reducing deployment time by 40%.
- Introduced Terraform for IaC, cutting provisioning time by 25%.
- Migrated legacy apps to Docker/Kubernetes, resulting in a 30% server cost reduction.
- Implemented Prometheus/Grafana, minimizing downtime by 20%.
- Engineered AWS multi-region setup achieving 99.99% uptime.
- Optimized cloud costs, reducing expenses by 15%.
- Integrated automated security scans for early vulnerability detection.
- Enhanced incident response, decreasing MTTR by 25%.
- Fostered cross-functional collaboration and agile practices.
- Conducted comprehensive documentation and training for knowledge sharing.

DESIGN ENGINEER
TMI
Jun 2020 – Jul 2020 | Dindigul

- Collaborated with the graphics team to understand UI/UX principles.
- Designed graphics and UX using Photoshop and Illustrator.
- Translated UI/UX designs into pixel-perfect code.

PROJECTS

CLOUD NATIVE MONITORIONG APP 🔗
Devops Project

- Dockerized the app locally.
- Created ECR using Python's boto3 and pushed Docker image to AWS.
- Deployed app in Kubernetes on EKS cluster.

AWS-EC2-PATCH-AUTOMATION 🔗
Devops Project

- Implemented Terraform to automate OS patching in AWS EC2 instances.
- Set up Lambda functions, S3 bucket, IAM roles, and policies.

IMAGE-PROCESSING 🔗
Machine Learning Project

- Achieved high accuracy in model with low loss.
- Analyzed model performance on training and test data.

URL-SHORTNER-MAIN 🔗
Express.Js API Project

- Developed an API-based project using React.JS.
- Returns short URLs that redirect to original pages.