
Harshith Reddy

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Summary

I am a self-taught **MERN stack developer** with expertise in **building scalable, high-performance applications**. Proficient in **DevOps, cloud technologies, and containerization**, I specialize in optimizing system efficiency and automating deployments. Passionate about **solving complex software challenges**, I thrive in fast-paced environments, continuously learning and contributing to **innovative, impact-driven projects**.

Skills

Frontend:

HTML, CSS, Sass, JavaScript, TypeScript, React.js
(Redux, Router - v7)

Backend:

Node.js, Express.js, Hono.js, MongoDB (with
Mongoose), JWT

Tools & Technologies:

Git, GitHub, Postman, RESTful APIs, VS Code, Bash

DevOps:

Docker, AWS (VPC, EC2, S3, CloudFront, IAM,
Load Balancer, Auto Scaling Groups),
CI/CD (GitHub Actions), Monitoring (Prometheus,
New Relic), Kubernetes

Soft Skills:

Problem-solving, Communication

Languages:

English, Telugu, Hindi

Projects

Medium Blog Clone:

Developed a scalable Medium clone with React.js, TypeScript, and Express.js, optimizing performance with Docker, GitHub Actions CI/CD on AWS EC2 (auto-scaling, load balancing). Real-time monitoring (Prometheus, Grafana, New Relic) ensured high availability and 15% faster deployments.

Full-Stack Authentication System:

Engineered a robust authentication system featuring JWT, password hashing, OTP verification. Utilized Docker and GitHub Actions for CI/CD, enabling seamless deployment on AWS Lambda functions for serverless execution. Integrated Prometheus, Grafana, and New Relic for comprehensive performance monitoring and system logging, ensuring scalability, security, and reliability.

DALL-E Clone:

Built a high-performance, full-stack AI image generation platform inspired by DALL-E using the MERN stack and MongoDB. Employed Docker and GitHub Actions for CI/CD, automating deployments to AWS EC2 with auto-scaling and load balancing for maximum availability. Integrated Cloudinary for secure and efficient storage

Education

2024 **Sathyabama Institute of Science and Technology** - Chennai, TN

Bachelor of Science: CSE

CGPA: 8.3/10

Social

- <https://www.linkedin.com/in/harshith-reddy-212279211/>
- <https://harshith6322-portfolio.vercel.app>
- <https://github.com/harshith6322>