**SHIVDUTT BHADAKWAD**

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[linkedin.com/in/shivdutt-bhadakwad-07a462280](https://www.linkedin.com/in/shivdutt-bhadakwad-07a462280/) **|** [github.com/shivdutt-B](https://github.com/shivdutt-B) **|** [codolio.com/CatFish](https://codolio.com/profile/CatFish) **|** [shivdutt.netlify.app/](https://shivdutt.netlify.app/)

**SKILLS**

**Languages:** HTML, CSS, JavaScript, TypeScript, Python, C++

**Libraries & Frameworks:** ReactJS, NodeJS, ExpressJS, TailwindCSS

**Databases:** MongoDB(Mongoose), SQL, Postgres, Prisma

**DevOps**: AWS **(**EC2, RDS, DynamoDB, S3, Lambda, ELB, ECS, Route 53, CloudFront**),** Jenkins, Ansible, Docker, Kubernetes, Kafka, Redis

**Tools:** Postman, Git, Github

**EDUCATION**

**Marathwada Mitra Mandal's Institute of Technology, Lohegaon Pune, India**

*BE Computer Engineering 2023–2027*

**CGPA:** 7.2

**Kendriya Vidyalaya NO.1 Ahmednagar**  **Ahmednagar, Maharashtra,****India**

*12th Science (PCM)*  *2020-2022*

**PROJECTS**

**Gorr |** ReactJS, NodeJS, ExpressJS, TailwindCSS, Postgres, Prisma, S3, ECS, ECR, Docker, Redis, SocketIO [**Live**](https://gorr-phi.vercel.app/) **|** [**Code**](https://github.com/shivdutt-B/gorr) **|** [**Video**](https://shivdutt.netlify.app/#gorr)

*GORR is a sophisticated* ***deployment platform*** *built using a microservices architecture, designed to handle a project*

*Deployments with real-time monitoring and efficient resource management.*

* Built a deployment platform with 5 microservices for API, builds, monitoring, and custom domain routing.
* Leveraged AWS ECS, ECR, and S3 for containerized builds and web application hosting.
* Implemented real-time monitoring via Socket.IO and Redis pub/sub with 100% build visibility.
* Containerized build microservice for parallel execution, reducing main server load.
* Created an intelligent proxy system handling complex routing patterns for various frameworks.
* Enable deployment and redeployment with environmental variables by securely transferring env variables.

**Heimdall |** ReactJS, NodeJS, ExpressJS, TailwindCSS, Postgres, Prisma, EC2, Docker, Redis, Nodemailer[**Live**](https://heimdall-pings.vercel.app/) **|** [**Code**](https://github.com/shivdutt-B/heimdall) **|** [**Video**](https://shivdutt.netlify.app/#heimdall)

*Heimdall is a* ***ping and uptime monitoring platform*** *that prevents cold starts on free backend hosting services (like Render, Railway, Fly.io) and tracks detailed performance metrics via a developer dashboard.*

* Build a ping & monitoring platform with 6 microservices for API, job queue, workers, worker load balancer, and alert.
* Minimized 30–50s cold start delays by scheduling periodic pings to backend servers with customizable time.
* Stored detailed ping metrics: response time, HTTP status, uptime, and memory usage in the database.
* Developed an interactive dashboard to visualize uptime %, latency trends, server statistics, and ping history.
* Enabled automatic email alerts for servers with >X number of consecutive failures.
* Designed with horizontally scalable microservices utilizing BullMQ and Redis to manage high volumes of ping jobs with dynamic concurrency control.

**CERTIFICATIONS & ACHIEVEMENTS**

* Awarded the ‘0-100’ certificate in the 100xDevs program, mentored by Harkirat Singh. [**Certificate**](https://app.100xdevs.com/certificate/verify/IQ660EXS)