

SHIVDUTT BHADAKWAD

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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

EXPERIENCE

Autonomys | Co-Founder & Full Stack Engineer

Sept 2024 - Oct 2024

- Co-founded Autonomys, a digital agency focused on modern web development, UI/UX design, and SEO optimization for small to mid-sized businesses.
- Acquired and onboarded 4 clients within the first month through strategic outreach and personalized proposals.
- Generated ₹35,000 revenue in the first month by delivering high-quality digital solutions aligned with client goals.
- Led end-to-end delivery of 4 websites, achieving a 100% on-time project completion rate.
- Developed a reusable components, reducing development time by 50% across projects.

PROJECTS

Gorr | ReactJS, NodeJS, ExpressJS, Postgres, Prisma, S3, ECS, ECR, Docker, Redis, SocketIO

[Live](#) | [Code](#) | [Video](#)

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.

Heimdall | ReactJS, NodeJS, ExpressJS, Tailwind, Postgres, Prisma, EC2, Docker, Redis, Nodemailer

[Live](#) | [Code](#) | [Video](#)

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, & alert.
- Minimized 30-50s cold start delays by scheduling periodic pings to backend servers with customizable time.
- Store detailed ping metrics: response time, HTTP status, uptime, & memory usage for historical tracking & analysis.
- Developed an interactive dashboard to visualize uptime percentage, latency trends, server statistics, & ping history.
- Implemented auto-scaling job processing using BullMQ and Redis, with dynamic concurrency control and email alerts for recurring server failures.

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

CERTIFICATIONS & ACHIEVEMENTS

- Awarded the '0-100' certificate in the **100xDevs** program, mentored by Harkirat Singh.

[Certificate](#)