

SAGAR BAWANTHADE

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ABOUT ME

I am passionate about building and deploying web applications that are efficient, scalable, and user-friendly. With a strong interest in cloud technologies and modern development practices, I enjoy solving complex challenges and learning new tools. In my free time, I share my knowledge through blogs on topics like DevOps and cloud computing. Explore my portfolio here: [🔗](#)

EXPERIENCE

MarketinLab [🔗](#)

*Full Stack Developer (**Internship**) Pune, India*

Remote

- Developed and maintained a robust web application using the **MERN stack**, incorporating **Microservices** architecture to enhance scalability and performance.
- Deployed and managed the application on **AWS Cloud**, utilizing services such as **EC2**, **S3**, **Amplify**, and **Route 53** for domain integration and hosting, while also working with **Docker** for containerization.
- Implemented a **Microservices** approach to optimize application performance and scalability, ensuring modularity and ease of deployment on the cloud.

Abhinav's Shopping Website [🔗](#)

Full Stack Developer with AWS CCloud

Remote

- Designed, developed, and maintained a full-stack shopping website for clothing (hoodies, T-shirts) using the **MERN stack** and cloud-native technologies.
- Redesigned deployment architecture to significantly reduce client costs and improve performance by deploying the frontend on **Cloudflare Pages** and the backend on a high-performance **personal VPS**, replacing EC2.
- Containerized backend services and MongoDB using **Docker**, enabling efficient and scalable deployment on the VPS.
- Configured **Caddy Server** for automatic SSL, reverse proxying, and custom domain integration to ensure secure, encrypted access.
- Leveraged **AWS S3** for storing and delivering dynamic media assets, enhancing performance and scalability.
- Applied strong **DevOps** and **Cloud Architecture** principles to build a scalable, secure, and cost-effective infrastructure.

PERSONAL PROJECTS

CodeSesh - A Real time Code Editor [🔗](#)

12/2023 – 01/2024

- * Developed and deployed **Kodesesh**, a real-time collaborative code editor, with the frontend hosted on **AWS Amplify** and the backend containerized using **Docker** on a **personal VPS**.
- * Integrated a **NATS** container for real-time notifications, ensuring efficient communication within a shared Docker network.
- * Implemented secure access with **Caddy** for SSL and reverse proxy, and streamlined domain management using **AWS Route 53**.
- * Designed a robust **CI/CD pipeline** using **GitLab** to automate deployments and improve workflow efficiency.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, Node.js

Technologies/Frameworks: Ubuntu, CentOS, Docker, Kubernetes, React.js, Redux, Next.js, Express.js, Tailwind CSS

Cloud Platforms: AWS, Microsoft Azure

Databases: MySQL, MongoDB (NoSQL)

CI/CD: Github Actions, GitLab, Jenkins

Version Control: Git and Github

EDUCATION

D.Y.Patil International University

BCA(Specialization in Cloud Computing) 9.3 - SGPA

Pune, India