

Omkar Pawar – Full stack developer – 3 yrs experience

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Experience:

Senior Software Engineer - Aker Solutions

July 2024 – Present

- Led digital transformation projects by designing and deploying applications that shifted **manual processes to streamline, automated systems** reducing manual effort by 40% and improving efficiency.
- Directed a team of 5 developers, collaborating directly with clients to translate technical requirements.

Software Engineer - Iorta Technology Solutions

May 2023 – June 2024

- Transformed a monolith app into microservices based architecture** by studying the existing product deeply, enabling scalable deployments, better service ownership, and **faster feature delivery by 20%**.
- Contributed to 3 foundational projects within the first 6 months while grasping the insurance domain., **reduced infrastructure costs by 10%** by utilizing S3 lifecycle policies, optimized EC2 instance types via Compute Optimizer. **Built a reusable frontend component library** enabling consistent UI across products from a single codebase.

Software Developer - Code-B

June 2022 – May 2023

- Led development of high-impact apps, **managing 5 projects in 9 months** and improving client productivity **by 25%**. Rebuilt a legacy form builder with modern UI and new features, leading 2–3 devs to enhance functionality and boost end-user **productivity by 30%**.
- Led and contributed to 2–3 concurrent projects (**chat app, e-commerce, e-learning**) in an agile environment, while **overseeing feature development, maintenance, and guiding** the team through code reviews, system design, and performance/UX improvements.

Projects:

Creditx - Digital Lending Exchange

- Converted a monolithic codebase into a mono-repo microservices** architecture with Nx. Integrated gRPC for efficient inter-service communication and set up CI/CD pipeline using GitHub Actions. **Deployed microservices on EKS**, managed pods / services networking and infra issues to ensure smooth operations.
- Developed & Deployed core services including **auth, payment, activity tracking, lead and loan management** and other functionalities – Nest.js, Nx, React.js, Docker, Kubernetes, AWS (EKS, ECR), Redis, GitHub Action

Finvax – Online learning platform - [link](#)

- Built and launched a modern learning platform** with subscription-based access to exclusive video content and self-paced courses, delivering the first phase within 3 months.
- Automated video processing pipeline using AWS** Lambda, S3, and Media Convert, with job status updates triggered via SNS upon completion, implemented SSO using Cognito for seamless user authentication, built a custom video player, integrated payment gateway & activity tracker to enhance the learning experience.
- Tech Stack:** REST API, Nest.js, Next.js, MongoDB, Docker, AWS (Lambda, S3, SNS, Media Convert, ECS, Terraform)

WYSE - Clothing Brand - [link](#)

- Developed a **high-performance e-commerce platform** for a clothing brand, inspired by industry leaders like Myntra. Engineered the front-end using Next.js for seamless user exp, SEO and backend with **Spring Boot to ensure scalability**, build the whole app from scratch along with a user-friendly admin module.
- Led case studies and developed projects from scratch, overseeing the entire lifecycle from design to deployment.
- Tech Stack:** REST API, Express.js, Next.js, PostgreSQL, Docker, AWS (ECS, Docker, S3), Vercel.

Frontend: React.js, Next.js, Angular, HTML, CSS, JavaScript

Database: MongoDB, PostgreSQL

Backend: Node.js, Golang, Express.js, Nest.js

AWS: EC2, ECS, EKS, LAMBDA, S3, SNS, SQS

Others: Nx, AWS, Terraform, Docker, Typescript, Kubernetes, GitHub Actions, Git, Kafka, Redis, Git, CI/CD

Education: V.K Krishna Menon College, BSC CS – CGPA 8.7 – (2019 to 2022) – India, Mumbai