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:**

# Finvax – Online learning platform - [link](https://finvax.co/)

* **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, Spring Boot, Next.js, MongoDB, Docker, AWS (Lambda, S3, SNS, Media Convert, ECS, Terraform)

# 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

# WYSE - Clothing Brand - [link](https://wyse-shop.vercel.app/)

* 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, Spring Boot, Next.js, PostgreSQL, Docker, AWS (ECS, Docker, S3).

**Frontend**: React.js, Next.js, Angular, HTML, CSS, JavaScript  **Database:** MongoDB, PostgreSQL **Backend**: Java, Spring Boot, Node.js, Golang, Express.js  **AWS:** EC2, ECS, EKS, LAMBDA, S3, SNS, SQS

**Others**: Nx, AWS, Terraform, Docker, Maven, 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**