Omkar Pawar – Full stack developer – 3+ yrs experience

Mobile: 7715950254 **|** **Social**: LinkedIn, GitHub **|** **Email**: opwebdev01@gmail.com **|** **Portfolio**: pawaromkar.in

SKILLS

Languages: Java, Javascript, Typescript, Golang, HTML, CSS

Technologies: Spring Boot, React.js, Next.js, Hibernate SQS)

Others: Docker, Kubernetes, GIT, Kafka, Redis, CI/CD, Github Actions

Database: MongoDB, PostgreSQL

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

WORK EXPERIENCE

Programming   July 2024 – Present
Senior Software Engineer   Maharashtra

- Developed a scalable, reliable, **real-time chat application using web sockets with Redis Pub/Sub** for state management, with multi-device sync, typing indicators, message history persistence during network loss.
- **Built a centralized authentication system** enabling single sign-on (SSO) across multiple internal applications, allowing users to log in once via a secure central page and improving both usability and security consistency.
- 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 4 developers**, collaborating directly with clients to translate technical requirements.
- Node.js, Next.js, Nest.js, Typescript, MongoDB, React.js, Socket.io, AWS (ECS, EC2, S3, Lambda).

Iorta Technology Solutions   May 2023 – June 2024
Software Engineer   Maharashtra

- Studied the existing monolithic app transformed it into a **monorepo-based microservices architecture using Nx**, improving scalability and maintainability, **reducing build times by 40%, accelerating development cycles by 30%.**
- **Implemented CI/CD pipelines using GitHub Actions** for automated deployment of microservices, configured Kubernetes pods, services and deployed to EKS with rolling updates for zero-downtime releases.
- Contributed to 3 foundational projects within the first 6 months while gaining expertise in the insurance domain, also **reduced infrastructure costs by 10%** through S3 lifecycle policies, EC2 right-sizing, and eliminating unused resources.
- **Built an end-to-end insurance on-boarding flow** with Aadhaar/PAN eKYC, capture of required customer details and images, document upload/validation, auto-generation of proposal forms in pdf, and secure e-signature streamlining submission to underwriting.
- Node.js, Express.js, Typescript, Next.js , Kafka, MongoDB, Kubernetes, Docker, AWS (ECR, EKR, Lambda, S3, SNS, SQS)

Code B   July 2022 – May 2023
Software Engineer   Maharashtra

- Developed an **automated video processing pipeline using AWS Lambda** functions to trigger and manage video processing workflows, utilized S3 for storage, and integrated AWS MediaConvert for transcoding.
- Integrated AWS Cognito for SSO and traditional username/password authentication, implementing JWT and refresh tokens with **reuse detection and refresh token rotation to enhance security.**
- Build a fully customizable drag & drop form builder, managed state across entire form life cycle and engineered the module for seamless integration into any web application.
- Led development of high-impact apps, **managing 5 projects in 9 months** and improving client productivity by 25%.
- Tech stack: Java 17, Spring Boot, MongoDB, Redis, Docker, React.js, JUnit, AWS (ECS, EC2, Lambda, S3, SQS, VPC)

EDUCATION

BSC in Computer Science, V.K Krishna Menon College - CGPA 8.7

INITIATIVES AND PROJECTS

- **WYSE - Clothing Brand** - Developed a full-stack clothing e-commerce platform as a freelance project, with features like product search, category filters, wish-list add to cart an admin dashboard **you can check out the website** here.

- Took the initiative to built a **reusable UI component library** and a customizable data table library, helping accelerate development speed, maintain design consistency, and reduce duplicate code across projects