Omkar Pawar – Backend Developer – 3+ yrs experience

**Mobile:** 7715950254 **| Social**: [LinkedIn](https://www.linkedin.com/in/opwebdev/), [GitHub](https://github.com/omkarp02) **| Email**: [opwebdev01@gmail.com](mailto:opwebdev01@gmail.com) **| Portfolio**: [pawaromkar.in](https://www.pawaromkar.in/)

**SKILLS**

**Languages**: Java, Javascript, Typescript, Golang, HTML, CSS  **Database:** MongoDB, PostgreSQL

**Technologies:** Spring Boot, React.js, Next.js **AWS:** EC2, ECS, EKS, LAMBDA, S3, SNS, SQS)

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

**WORK EXPERIENCE**

# Fynd (via Programming) July 2024 – Present

# 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](https://wyse-shop.vercel.app/).

 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