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

**Skills & Tools:** Spring Boot, React.js, Next.js, Hibernate, Maven, Kafka, Redis, Operating System, DSA **Cloud & DevOps:** AWS (EC2, ECS, EKS, Lambda, S3, SNS, SQS), Docker, Kubernetes, CI/CD (GitHub Actions)

**WORK EXPERIENCE**

# Fynd (via Programming) July 2024 – Present

# Senior Software Engineer Maharashtra

 Developed a fault-tolerant **daily batch pipeline handling 1M+ records/day** to validate orders and generate loyalty points; introduced batching, parallel workers, and backoff/retry strategies, reducing manual failures by 15%.

 Designed and implemented a real-time **chat application supporting 4K+ concurrent users** using sockets with Redis Pub/Sub; enabled multi-device sync, ensured data persistence during network loss, and achieved <200ms latency.

 Enabled seamless access to 10+ internal web applications by designing and developing a centralized Single Sign-On (SSO) system, reducing login time by 40% and improving security compliance across platforms.

 Engineered a high-performance **data table library capable of efficiently handling millions of rows**, with advanced features such as filtering, sorting, column visibility, and centralized state management.

 Java, Spring Boot, Spring Security, Typescript, MongoDB, React.js, Kafka, Socket.io, AWS (EC2, S3, SQS, Lambda).

# Iorta Technology Solutions May 2023 – June 2024

# Software Engineer Maharashtra

 Revamped a legacy insurance **monolith application into a scalable microservices architecture using Nx;** introduced new features, improved scalability, reduced build times by 40%, and shortened development cycle time by 30%.

 Implemented **CI/CD pipelines using GitHub Actions** for a monorepo; automated microservices deployment to AWS EKS with rolling updates, reducing deployment time by 60% and increasing release frequency from weekly to daily with zero downtime.

 Built an auto-scaling PDF generation service on AWS, **processing 1K+ documents daily via SQS;**  consumed by Docker worker, with retries, DLQs, and monitoring that cut failures by 95% and enabled near real-time generation.

 Built an end-to-end insurance onboarding flow with eKYC (Aadhaar/PAN), document upload and validation, automated proposal PDF generation, and data workflow from QC (with re-upload for invalid details) to underwriter.

 Java, Kubernetes, Kafka, Github Actions, Spring Boot, Typescript, React.js, AWS (ECR, EKR, Lambda, S3, SNS, SQS)

# Code B July 2022 – May 2023

# Software Engineer Maharashtra

 Automated **video processing for 100+ courses using S3-triggered Lambda and MediaConvert;** reduced manual video preparation time by 90% and enabled smooth multi-resolution streaming for learners.

 Secured application authentication by integrating AWS Cognito OAuth2, JWT (with refresh token flow), and RBAC; reducing **unauthorized access incidents by 90%** and ensuring compliance with security best practices.

 Built a **fully drag-and-drop form builder** and event planner, managing state across the lifecycle with configurable fields, UI styling, inter-field dependencies, multi-form support, and flexible validation for scalable form creation.

 Led the development of 5 high-impact projects in 9 months, improving client productivity by 25%.

 Java, Spring Boot, Spring Security, PostgreSQL, Redis, Docker, Next.js, AWS (ECS, EC2, Lambda, S3, SQS, VPC)

**EDUCATION**

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

**INITIATIVES AND PROJECTS**

 **WYSE - Clothing Brand** - Developed a full-stack clothing e-commerce platform as a freelance project, featuring product search, category filters, wish-list add-to-cart, and an admin dashboard; y**ou can check out the website** [here](https://wyse-shop.vercel.app/).