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, Node.js, React.js, Next.js, Hibernate **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

 Designed and implemented a real-time chat application supporting 4K+ concurrent users using WebSockets with Redis Pub/Sub, enabling multi-device sync, data persistence during network loss, <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.

 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.**

 Engineered a high-performance data table library capable of efficiently handling millions of rows, with advanced

features including filtering, sorting, column visibility, and centralized state management.

 Golang, Fiber, Node.js, Next.js, Typescript, MongoDB, React.js, Socket.io, Github Actions, AWS (ECS, EC2, S3, Lambda).

# Iorta Technology Solutions May 2023 – June 2024

# Software Engineer Maharashtra

 Revamped a legacy insurance monolith application into a scalable microservices architecture using Nx, introducing new features, improving scalability, reducing build times by 40%, and shortening development cycle time by 30%.

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

 Contributed to 3 foundational projects within 6 months, gaining deep expertise in the insurance domain.

 Reduced infrastructure costs by 10% through S3 lifecycle policies, EC2 right-sizing, and eliminating unused resources.

 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, Kafka, MongoDB, Node.js, Kubernetes, Docker, Typescript, React.js, CI/CD, AWS (ECR, EKR, Lambda, S3, SNS, SQS)

# Code B July 2022 – May 2023

# Software Engineer Maharashtra

 Engineered an online learning platform for financial literacy, building an automated video processing and delivery pipeline with AWS Lambda, S3, and MediaConvert, reducing manual processing time by 80%.

 Integrated AWS Cognito for SSO and username/password login, implementing JWT refresh token rotation for enhanced security.

 Built a fully customizable 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 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/).