Omkar Pawar – Full stack 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**: Javascript, Typescript, Golang, HTML, CSS  **Database:** MongoDB, PostgreSQL

**Skills & Tools:** Node.js, Nest.js React.js, Next.js, Next.js, Express.js, 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 data/day** to validate orders and generate loyalty points, introduced batching, parallel workers, and backoff/retry strategies which reduced manual failures by 15%.

 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.

 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.

 Node.js, Next.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.

 Engineered a **full-featured video player** with support for adaptive streaming, playback controls (play, pause, seek, volume, speed, fullscreen), captions/subtitles, playlists, quality selection, watch history, and responsive design

#  **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, Nest.js, gRPC, 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%.

 Node.js, Express.js, Nest.js, Next.js, MongoDB, Redis, Docker, React.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, 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/).