

# Omkar Pawar – Full stack developer – 3.7+ yrs experience

Mobile: 7715950254 | Social: [LinkedIn](#), [GitHub](#) | Email: [opwebdev01@gmail.com](mailto:opwebdev01@gmail.com) | Portfolio: [pawaromkar.in](#)

## SKILLS

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

**Database:** MongoDB, PostgreSQL

**Skills & Tools:** Node.js, Nest.js, React.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

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### 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, less than 200ms latency.
- Automated document ingestion from SharePoint using Azure Fn (cron) to parse PDFs, Excel, CSV, and text files, **indexing 50K+ records into Azure AI Search** with vector embeddings to enable semantic and AI-powered search.
- 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

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

## INITIATIVES AND PROJECTS

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- 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](#)**.