Omkar Pawar – Full stack developer – 3+ yrs experience

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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

- 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.
- Built an auto-scaling PDF generation service on AWS **processing 1K+ daily documents via SQS**, consumed by Docker workers on ECS, added retries, DLQs, and monitoring to cut failures by 95% and enable 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.
- 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

- Automated **video processing for 100+ courses using S3-triggered Lambda + 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%.
- 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

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](#).