

Omkar Pawar – Backend Developer – 3+ yrs experience

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SKILLS

Languages: Java, Golang, Javascript, Typescript, HTML, CSS
Technologies: Node.js, Express.js, Fiber, Echo, React.js, Next.js
Others: Docker, Kubernetes, GIT, Kafka, Redis, CI/CD, Github Actions

Database: MongoDB, PostgreSQL
AWS: EC2, ECS, EKS, LAMBDA, S3, SNS, SQS)

WORK EXPERIENCE

- Fynd** (via Programming)
Software Engineer

July 2024 – Present
Maharashtra

 - Developed a scalable, reliable, **real-time chat application using web sockets with Redis Pub/Sub** for state management, with multi-device sync, typing indicators, message history persistence during network loss.
 - Built a centralized authentication system** enabling single sign-on (SSO) across multiple internal applications, allowing users to log in once via a secure central page and improving both usability and security consistency.
 - 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.**
 - Directed a team of 4 developers**, collaborating directly with clients to translate technical requirements.
 - Golang, Fiber, Node.js, Next.js, Typescript, MongoDB, React.js, Socket.io, AWS (ECS, EC2, S3, Lambda).
- Iorta Technology Solutions**
Software Engineer

May 2023 – June 2024
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.
 - Contributed to 3 foundational projects within the first 6 months while gaining expertise in the insurance domain, also **reduced infrastructure costs by 10%** through S3 lifecycle policies, EC2 right-sizing, and eliminating unused resources.
 - 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, Next.js, Nest.js, Kafka, MongoDB, Kubernetes, Docker, AWS (ECR, ECR, Lambda, S3, SNS, SQS)
- Code B**
Software Engineer

July 2022 – May 2023
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%.
 - Java 17, Spring Boot, Node.js, 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](#).**
- Took the initiative to built a **reusable UI component library** and a customizable data table library, helping accelerate development speed, maintain design consistency, and reduce duplicate code across projects