Ayush Ramteke

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years of progressive experience — from independent freelance delivery to leading engineering teams at startup scale. Specialized in designing and shipping production-grade systems end-to-end: microservices backends, authentication pipelines (JWT/OAuth/RBAC), CI/CD infrastructure, and cloud deployments on AWS. Promoted to Senior Developer within 18 months at Entugo LLC, architecting a 6-service microservices platform and leading a 3-engineer team. Proficient in TypeScript, Node.js, React, PostgreSQL, Docker, and Stripe integrations. Takes full ownership of features from design through production.

EXPERIENCE

Senior Developer   November 2024 – Present
Entugo LLC   *Remote*
- Architected a six-service microservices backend ecosystem, including Auth, Payments, and Notifications, leveraging a centralized API Gateway, which enabled independent scaling and RBAC enforcement across portals.
- Led a 3-engineer team, formalizing service contracts and modular boundaries; reduced PR review cycles from ∼5 days to ∼3 days and eliminated cross-service dependency conflicts blocking parallel development.
- Automated QR-based loyalty workflows including review-gated coupons, point allocation, and redemption logic, reducing manual validation and calculation workload for restaurant staff by ∼60%.
- Integrated Stripe (subscriptions, webhooks, refunds) with idempotency handling and retry logic; processed 300+ transactions during integration and QA to ensure production-grade payment reliability.
- Implemented CI/CD using GitHub Actions with Docker and Docker Compose; deployed services to AWS (EC2, RDS/Aurora, S3), eliminating manual release errors and maintaining uninterrupted production availability.
- Structured a TurboRepo monorepo with a shared Prisma client, removing ∼30% duplicated boilerplate and reducing new developer environment setup time from ∼2 hours to ∼25 minutes.
- Achieved ∼75% automated test coverage across 6 microservices using Vitest integration and E2E tests, reducing post-release regression issues before production deployments.

Junior Developer   April 2023 – August 2024
Newwton LLC   *Remote*
- Integrated RESTful APIs across 3+ core product features in React, resolving authentication token edge cases and distributed state management issues that caused intermittent front-end failures in CrypTag NFC workflows.
- Engineered performance-optimized Three.js 3D interactive components with improved render-state management, eliminating animation stutter on lower-end devices and ensuring cross-browser rendering consistency.
- Hardened a Python-based NFC tag validation backend by strengthening input verification logic, reducing invalid tag attempts reaching the authentication layer.

Freelance Web Developer   July 2021 – March 2023
Fiverr   *Independent — Remote*
- Ran an independent freelance development practice while completing a Diploma in Computer Science, managing the full project lifecycle: client communication, scoping, development, deployment, and post-launch support.
- Delivered 15+ client web applications end-to-end with a 100% on-time delivery rate and maintained a 5.0/5 client satisfaction rating across all engagements.
- Built responsive, cross-browser web applications across 3+ industries (e-commerce, services, portfolio) using HTML, CSS, and JavaScript, handling requirements analysis through production deployment.

PROJECTS

MEDILINK | *Next.js, Node.js, PostgreSQL, Prisma, Clerk, Razorpay*   February 2025 – March 2025
- Developed and launched a centralized digital health records platform to replace fragmented physical record systems; implemented secure REST API routes with Prisma-managed relational data models, Clerk-based authentication with protected route enforcement, and Razorpay payment integration; deployed with a fully configured production environment ensuring scalability and security.

GPS College Official Site | *React, PHP, MySQL, RESTful APIs, SwiperJS*   January 2024 – July 2024
- Designed and shipped a production institutional website serving 500+ students and faculty; engineered a full-stack system with RBAC, media management (images/PDFs), content rendering, and a custom admin dashboard for faculty and course management — live on GoDaddy production hosting.

Education

Government College of Engineering Amravati   Amravati, MH

Bachelor of Technology in Computer Science, Minor in IoT   *August 2024 – May 2027*

Government Polytechnic Sakoli   Sakoli, MH

Diploma in Computer Science   *July 2021 – June 2024*

Technical Skills

- **Languages:** TypeScript, JavaScript, Python, SQL, Node.js
- **Backend:** Express.js, REST API Design, Microservices Architecture, API Gateway, Background Jobs, Rate Limiting
- **Auth & Security:** JWT, OAuth 2.0 (Google), RBAC, Session Management, bcrypt
- **Payments:** Stripe (subscriptions, webhooks, refunds)
- **Messaging:** Async job queues, retry logic, SendGrid, Mailgun, OTP flows
- **Infrastructure:** Docker, Docker Compose, Nginx, Linux
- **Cloud & DevOps:** AWS (EC2, S3, Route53), GitHub Actions, CI/CD pipelines
- **Front-end (Support):** React.js, Next.js, Tailwind CSS