

ANOOP

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SUMMARY

Full Stack Developer with 2+ years of experience shipping production-grade Web3 applications and full-featured platforms serving 30,000+ users, with a background in QA automation at IBM. Proficient in TypeScript, React, Next.js, ethers.js, Supabase/Postgres, GCP, Azure, and Docker. Strong foundation in complex frontend architecture, blockchain integrations, payment integrations, cloud deployment, and full-stack development.

EXPERIENCE

Full Stack Developer — Levantate Labs

Feb 2026 – Present

- Engineered levantate.in, the company's marketing website, using Next.js and MongoDB, improving online presence for client acquisition.
- Delivered exploitless.com, a security-focused client product, from design to production deployment within contract timeline. Stack included Next.js, PostgreSQL, Prisma 7 (with @prisma/adapters), NextAuth v5 (Auth.js) for admin authentication via @auth/prisma-adapter, and bcryptjs for password hashing.
- Built the Veretin Recruitment Agency website (veretin.com) using Next.js, PostgreSQL, and Prisma 7 (ORM), with scheduled cron jobs to fetch and display Medium and Twitter posts.
- Maestro (studywithmaestro.com)** — Online Course & Learning Path Platform (LMS)
- Built the frontend for a full-featured LMS where students take courses, complete GitHub-based assignments, and track progress; instructors manage content and grading; admins manage users, orders, and support.
- Developed a Next.js App Router LMS with TypeScript, serving student, instructor, admin, and marketing experiences across 50+ routes.
- Implemented course learning flows — video lesson player, curriculum sidebar, learning paths, assessments, assignments, and progress tracking — using TanStack React Query for server state and Zustand for client UI state.
- Built GitHub assignment workflows: GitHub App connect flow, repo selection, submission/review steps, and OpenGraph repo previews with responsive container-query layouts.
- Built instructor tools (course/path editors with TipTap rich text, assignment configuration, grading interface) and admin dashboards for users, roles, enrollments, orders, analytics (Recharts), and audit logs.
- Designed a responsive UI with Tailwind CSS v4, shadcn/ui, and Radix UI; integrated Razorpay checkout for paid enrollment and used React Hook Form + Zod for form validation.

Web3 Frontend Developer — Planck Network

Jun 2025 – May 2026

- Architected and launched the full UI of planck-hub.vercel.app (Planck Lab Demo site) and Planck Explorer from scratch.
- Integrated Blockscout API for real-time L1 chain data; implemented wallet connection via RainbowKit/Wagmi, enabling seamless onboarding for 30,000+ users.
- Platform accumulated 80M+ tokens staked at peak before discontinuation due to broader blockchain market conditions.
- Deployed Hub and Explorer to production using GCP Cloud Run, Docker, and Artifact Registry; automated deployments via GitHub Actions CI/CD pipeline, reducing release overhead significantly.
- Developed app.airbubble.ai for an external client using React and Vite; deployed frontend on Azure VM via SSH, configured Nginx as a reverse proxy on port 443, and automated deployments through a GitHub Actions CI/CD pipeline.

Quality Engineer — IBM

Feb 2024 – Feb 2025

Client – JP Morgan Chase & Co.

- Designed and automated UI/API test suites using Selenium, BDD, Cucumber, reducing manual testing effort by 80%.
- Optimized test scripts and execution pipelines, achieving faster test execution and significantly improving release reliability.
- Validated and automated the Trade Processing System, developing an end-to-end test strategy.
- Performed manual and automation testing of the Trade Processing System module, including document upload, versioning, metadata validation, golden data validation, and access control across multiple environments.
- Optimized test plans in collaboration with Product Managers to align with acceptance criteria, coordinating with developers for early defect detection and faster issue resolution.
- Developed and executed Java-Selenium automation scripts for TPS workflows, improving test efficiency and coverage.
- Delivered comprehensive manual testing, API testing with Postman and SQL validations across MySQL Server, Oracle, and PostgreSQL, ensuring data integrity and reliability.
- Tracked and managed defects and test cases in Jira, streamlining collaboration with developers and product owners to align defect severity with business priorities and improve fix turnaround time.
- Identified and logged critical issues, reducing production defects through improved regression coverage.
- Authored test documentation and assisted new joiners with onboarding, providing hands-on training on automation frameworks and testing tools.
- Actively participated in Agile/Scrum ceremonies, including daily stand-ups, sprint planning, and retrospectives, contributing to continuous improvement and efficient sprint delivery.

PROJECTS

Levantate Bridge — Agent-to-Human Task Marketplace (ETHOnline 2026) — Solidity, Foundry, Next.js, Node.js, TypeScript, Circle Wallets, World ID, The Graph

- Built a full-stack Web3 marketplace connecting autonomous AI agents with verified human workers, with USDC escrow on Arc testnet, Circle Wallet automation, World ID Selfie Check gating, and subgraph-driven agent decisions.
- Implemented an AI agent that posts tasks, escrows USDC, scores bids using on-chain history, selects winners, and approves work via LLM-based proof evaluation.
- Built worker bidding flow in Next.js with World ID Selfie Check verification on every bid; payouts settle to self-custodied wallets with no custodial worker funds.
- Used Circle Developer-Controlled Wallets (agent + relayer) for on-chain writes and The Graph to index escrow events for live budget tracking and reputation scoring.
- Stack: Solidity 0.8.36, Foundry, OpenZeppelin, viem, Circle Wallets SDK, Supabase (Postgres), OpenAI GPT-4o, World ID (IDKit), The Graph (Subgraph Studio), Next.js 16, React 19, Tailwind CSS 4, RainbowKit, wagmi, TanStack Query.

Demo: <https://ethglobal.com/showcase/levantate-bridge-urkyw>

BidaDate — Pay-to-Rank Dating Platform — Next.js, Supabase (Postgres/Auth/Storage), Razorpay

- Built a full-stack dating platform centered on a pay-to-rank leaderboard mechanic, with members ranked by bid amount (then time/entry order) across district, state, and country boards.
- Integrated Razorpay end-to-end: server-side order creation, client-side Checkout.js, and payment verification via HMAC signature check on the checkout callback, with a Razorpay webhook configured as a backup safety net for missed/delayed client confirmations.
- Designed the Postgres schema with composite and partial indexes on hot leaderboard query paths, and PL/pgSQL triggers for updated_at maintenance, append-only bid history, and syncing leaderboard membership when a profile becomes discoverable.
- Implemented email OTP authentication using Supabase's Send Email Hook with Resend for delivery, and a Storage bucket with access policies for profile photos.
- Enabled Row Level Security across public-facing tables, with public-read policies on reference/geo data; app queries run through Drizzle ORM over a direct Postgres connection.

Live: <https://www.bidadate.lol>

Job Finder — Spring Boot, Next.js, OpenAI API, RapidAPI

- Developed a full-stack tool that matches resumes and location data to live job listings via LinkedIn RapidAPI. Integrated OpenAI API to auto-generate personalized referral messages and cold emails, cutting manual outreach time significantly. Frontend crafted with Next.js and Tailwind CSS; backend powered by Spring Boot.

BE: <https://github.com/Anoop072001/ReferralAutomation>

FE: <https://github.com/Anoop072001/job-matcher-frontend>

SKILLS

Languages: C, C++, Java, JavaScript, TypeScript, C#

Frontend: React, Next.js, TypeScript, Vite, Tailwind CSS, shadcn/ui, Radix UI, TanStack Query, Zustand, React Hook Form, Zod, TipTap, Framer Motion, GSAP, Three.js, Recharts, Axios, ethers.js

Backend: Node.js, Spring Boot, Next.js API Routes/Server Actions

Database: PostgreSQL (RLS, composite/partial indexes, PL/pgSQL triggers), Supabase (Auth, Storage), Drizzle ORM, MongoDB, MySQL, Prisma

Payments & Auth: Razorpay (Orders API, Checkout.js, HMAC signature verification, webhook fallback), NextAuth v5 (Auth.js), Supabase Auth (email OTP via Send Email Hook), Resend

Web3: Solidity, Foundry, OpenZeppelin, viem, ethers.js, RainbowKit, wagmi, Circle Wallets SDK, The Graph, World ID (IDKit), USDC/EVM smart contracts

Testing: Selenium, BDD/Cucumber, TestNG

Cloud / DevOps: Docker, GCP (Cloud Run, Artifact Registry), Azure (VM, Nginx), Vercel, Firebase Hosting, GitHub Actions (CI/CD)

Project Management & Tools: Jira, Postman, Git/GitHub

EDUCATION

B.Tech in Computer Science, Christ College of Engineering, Kerala

2019 – 2023 | CGPA: 8.81

ACHIEVEMENTS

- Winner – Hac'KP 2021 (1st/500+ teams)
- Designed and deployed Grapnel 1.0, a dark web monitoring tool for Kerala Police Cyberdome.