

Yogendra Jhala

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Skills

- Java | C++ | JavaScript | Spring Boot | Node | Express | React | MongoDB | Git | OAuth | SQL | Python | Socket IO | Kubernetes | AI | Azure.
- Microservices | Caching | AWS (EC2, S3, Route 53, CloudFront, Load Balancer, Security Groups, CloudWatch) | System Design | Docker.
- Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Networking, System Design | Agile.

Experience

Software Developer Engineer

ICICI Prudential Life Insurance

July 2023 – current

Enhancement

- **Enhanced** the telemedical journey by introducing 'Call Scheduling' with HealthIndia, shifted from queue-based calls to user-initiated appointments—improved user experience, reduced stress, and ensured predictable appointment timing. **Automated 100%** of manual effort by implementing a scheduler that intelligently detects and processes telemedical cases impacted by technical issues using **advanced SQL logic**.
- Built and deployed a PAN verification service integrated with NSDL (used by 25% of onboarding users), replacing fuzzy logic with deterministic identity verification—reduced verification failure rate to near zero.
- Designed and implemented a Declaration page in the document upload flow, used by over 30% of journey-completing users when requested by the underwriting team—streamlined policy declaration submission and accelerated the underwriting process.

Project

- Led the design and architecture of a full-stack onboarding platform, owning the end-to-end development lifecycle. Delivered a scalable, secure, and **fully DB-driven** solution that reduced integration time from 12 days to 2 days (85%) and **eliminated 100% of manual effort**, saving 10 resource-days per onboarding (used by partners like PolicyBazaar, AU etc).
- Designed and implemented an internal file system that decreased file retrieval latency by 75%, accelerating the QA cycle adopted across 100% of testing workflows.
- Designed a scalable **dynamic DB-driven monitoring** dashboard using Spring Boot and SQL, enabled screen-level customization for the support team. Reduced response time by 99.7% (from 30+ seconds to milliseconds) through key-based caching with a 5-minute scheduled refresh, eliminated frequent DB hits. Adopted by **100%** of the support team, significantly improved operational efficiency.
- Implemented LDAP-based authentication, enabling employees to log in with their Outlook credentials and seamlessly integrate with the company's directory services.

Google Summer Of Code (Gsoc'23)

Aossie

May 2023 – Aug 2023

- Successfully Completed GSOC'23 as a contributor under the organization named AOSSIE.
- Add three voting algorithms (Borda count, Schulze, and Score) and fix two existing algorithms (Booye Moore and Okalhoma).
- Utilized the Diamond structure for smart contracts, which enhanced the upgradability and maintainability of the system.
- Developed both open and invite-based elections, catering to different election scenarios and requirements.

Blockchain Developer Intern

Ubuntu and Orenda

May 2022 – July 2022

- Designed the backend architecture for a decentralized job portal, using The Graph to reduce search time by 40%, and optimized gas fees by 75% by storing only metadata on-chain after uploading data to IPFS.

Projects

TalentAI

Github

January 2025

- Built and deployed a cloud-native full-stack recruitment platform with job listing/creation, secure authentication, and LinkedIn-style networking (connections, groups, admin approval).
- Integrated real-time collaboration using Socket.IO for candidate–recruiter chat, peer interview scheduling, and group communication.
- Developed AI-driven features including an ATS scoring engine (resume vs. JD/skills/custom prompts), personalized tech news feed, and an AI chatbot, optimized with caching for high performance and reusability.

Whisper App

Github

December 2021

- Developed a secure, scalable web app for anonymous secret sharing using Node.js, React, and MongoDB. Integrated OAuth 2.0 and password strategy for authentication and deployed on GitHub for public access.

Education

National Institute of Technology Tiruchirappalli (NIT Trichy), Tamil Nadu, India

2019 - 2023

B. Tech | Electrical and Electronics Engineering

Academic Achievement

- Secured Rank 1 in high school exams and stood among the top 10% of Higher Secondary school students.
- [GeekForGeek](#) Institute rank 31, C++ Gold Badge on Hacker Earth, and 2436 rank on Bi-Weekly Contest - 124 [Leetcode](#).