

# DIVYANG CHAUHAN

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## PROFESSIONAL EXPERIENCE

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**Kleros, Remote**

Feb 2024 – Present

### Backend Engineer

- Built a multi-chain blockchain event ingestion platform with modular event-driven architecture
- Shipped an end-to-end juror notification system covering the full arbitration lifecycle — draw alerts, voting windows, and reminders — keeping jurors engaged and reducing missed votes across disputes
- Built a multi-network bot automating Kleros v1 dispute progression and juror staking — used transaction simulation to prevent reverts and batched calls to optimize gas, removing a manual operational burden
- Re-architected a monolithic NestJS application into horizontally scalable services; set up the monorepo structure, wrote database migrations, and resolved dependency and integration issues with minimal downtime
- Developed an Ethereum wallet authentication system with role based access control and user management

**NST CYBER, Remote**

### Software Engineer Team Lead

Jan 2023 – Jan 2024

- Led a cross-functional team of 9 professionals designing a cutting-edge AI-powered cyber security SaaS platform for multinational banks, ensuring strict adherence to regulatory compliance
- Led the integration of Infrastructure-as-Code and end-to-end testing, resulting in 80% reduction in deployment time and 30% reduction in testing time
- Drove re-architecture of the platform to serverless architecture on AWS, reducing costs by \$200K/year; Prioritized and resolved 100+ new features and bug fixes
- Designed a flexible tenancy mode, enabling white-labeling, increasing revenue opportunities by 40%
- Authored an asynchronous messaging system using Apache Kafka enhancing inter-service communication reliability, resulting in 90% reduction in system downtime
- Optimized Lambda ETL pipeline, reducing processing time by 70% and preventing AWS timeouts

**Software Engineer**

Mar 2021 – Jan 2023

- Led end-to-end development of 2 SaaS platforms from concept to production, delivering critical MVP features while ensuring robust testing and successful market launch
- Mentored three junior engineers in backend development best practices, enhancing code quality and reducing bug introduction rates by 15% while ensuring 95% on-time delivery rate
- Led development of Assure platform from inception to launch, architecting core systems and contributing 70% of production codebase, resulting in successful delivery ahead of 3-month deadline
- Led development of Tigress backend in Django REST Framework, designing scalable database architecture and delivering 70% of core API codebase while establishing best practices
- Optimized Celery-based distributed scanning engine, achieving a 20% performance improvement by implementing asynchronous distributed task processing across celery instances

## EDUCATION

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**IANT, Vadodara, India**

2017 - 2018

Complete IT certification from IANT

## SKILLS

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**Programming Languages:** TypeScript, Python, JavaScript, SQL, OutSystems

**Databases:** PostgreSQL, MongoDB, MySQL

**Framework:** NestJS, Django, Django Rest Framework, Express, Angular, React, Next.js, GraphQL

**Infrastructure:** AWS (Lambda, ECS, S3, RDS), Docker, Terraform

**Tools & Practices:** Git, CI/CD, Kafka, Celery, Microservices, REST APIs, Event-Driven Architecture

**Web3:** Solidity, Ethers.js, Viem, The Graph, Smart Contract Development, Multi-chain Integration