Ronit Khajuria

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Technical Skills

Languages: Java, JavaScript, Typescript, Python HTML, CSS
Technologies/Frameworks: Reactjs, Nextjs, Nodejs, Expressjs, Honojs, Prisma, Docker, Redis, WebSockets, WebRTC, Tailwind CSS, Shadcn UI, Git/Github, CI/CD, Linux, AWS EC2, Pyspark, Veeva Vault Platform
Databases: PostgreSQL, MongoDB, MySQL

Experience

Cognizant Technology Solutions pvt ltd **Sept 2025 - Present**
Programmer Analyst Trainee *Pune*

- Worked on data migration validation for Enterprise document management systems, supporting migration from Clinical vault to Regulatory vault.
- Performed Operational Qualification (OQ) and Performance Qualification (PQ) testing to ensure integrity and accuracy of migrated data across environments.
- Validated document metadata to ensure compliance with pharmaceutical regulatory standards.

TechOctanet Pvt. Ltd. **July 2024 – Sept. 2024**
Fullstack developer Intern *Odisha, Remote*

- Designed and implemented RESTful APIs using Node.js, Express.js, and Hono.js, improving response efficiency.
- Containerized backend services using Docker and implemented CI/CD pipelines for automated deployments to AWS EC2, reducing deployment time by 40%.
- Developed responsive and dynamic user interfaces using React.js and Tailwind CSS, ensuring cross-browser compatibility.

Projects

AI Powered Log Monitoring and Analysis | *Reactjs, Nodejs, WebSocket, Groq API, Redis, Prisma, PostgreSQL* **Link**

- Built a **real-time AI-powered log monitoring system** that collects and filters critical system logs and sends errors to a **Redis queue** for processing.
- Engineered a dedicated **log-processing worker** that analyzes logs using **LLM**, generates structured JSON insights, and stores results in **PostgreSQL** via Prisma.
- Developed a dynamic **frontend dashboard** with **live error feed**, **log graphing**, and an interactive **chatbot interface** for contextual error queries.
- Integrated a **scheduled email reporting service** for daily/weekly/monthly summaries and actionable recommendations to system admins.
- Achieved **99% classification accuracy** and reduced log processing time to **42.67 ms**, improving log analysis efficiency by **86%**.

Random P2P video chat platform | *Reactjs, Typescript, Nodejs, Expressjs, WebRTC, WebSocket, Tailwind CSS* **Link**

- Developed a **realtime video chat** application to enable **low-latency peer to peer connection**.
- Designed and implemented a **random matchmaking and room-management system** for dynamically pairing users into one to one video sessions.
- Built backend **signalling workflows for offer/answer exchange, ICE candidates handeling and session lifecycle management** to establish reliable WebRTC connection.
- Implemented **realtime media controls(mute/unmute, camera on/off)** and **session skip feature**.

Education

Bharati Vidyapeeth College of Engineering **Dec. 2021 – June 2025**
Bachelor of Technology in Information Technology (CGPA: 8.94) *Pune, Maharashtra*

Achievements

- Solved 280+ coding problems on different coding platforms (Link)
- Delivered a sponsored initiative from Veritas Technologies Ltd Pvt, developing an AI-powered log monitoring and analysis system, enhancing automated error detection and response efficiency. (Certificate)
- Completed 0-1 Fullstack Web Development course by 100xDevs (Certificate)