Anurag Jha

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Summary

Product-focused Full Stack Engineer specializing in **Serverless Architectures (Deno/Supabase)** and **AI-driven development**. Proven track record of building production-grade applications, including DevSecOps pipelines and privacy-focused social platforms. Passionate about optimizing performance, reducing latency, and automating complex workflows.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, Python, SQL, HTML5/CSS3
- **Frontend:** React.js, Tailwind CSS, Vite, Redux Toolkit, Responsive Design
- **Backend & Cloud:** Node.js, Express, **Supabase (Edge Functions + Auth)**, **Deno**, PostgreSQL
- **AI & DevOps:** GitHub Actions (CI/CD), Docker, **LLM Integration (Groq/OpenAI)**, Prompt Engineering
- **Core Concepts:** Serverless Architecture, Row-Level Security (RLS), WebSockets, JWT Auth, OOPS

Projects

CyberSentinel - AI-Powered DevSecOps Agent & CI/CD Pipeline   Code | Live

- Architected a serverless security scanner using **Supabase Edge Functions (Deno)** and **Groq (Llama 3 70B)**, reducing vulnerability detection time from 15s to <**2s** compared to Gemini Flash.
- Developed a custom **GitHub Action** that integrates into CI/CD pipelines, automatically blocking PRs with critical **OWASP Top 10** vulnerabilities (SQLi, Hardcoded Secrets).
- Solved GitHub API rate limits by implementing a smart file prioritization algorithm, focusing scans on high-risk directories (`/auth`, `.env`) and skipping binary/vendor files.
- **Tech Stack:** React, TypeScript, Supabase (PostgreSQL + Edge Functions), Groq API, GitHub Actions.

ShadowSpace - Anonymous Micro-Posting Platform   Code | Live

- Built a privacy-first platform with **IP hashing (SHA-256)** and Geo-Location Obfuscation, ensuring zero metadata tracking; architected real-time feed using **Supabase WebSockets**.
- Implemented custom JWT authentication with Deno Edge Functions, optimizing token generation time (**800ms → 120ms**) and achieving a 95 Lighthouse performance score.
- **Tech Stack:** React 18, Supabase (Auth + Realtime + RLS), Deno Edge Functions, IndexedDB (Dexie.js), Service Workers.

Experience

CodSoft - Full Stack Developer Intern (Remote)   July 2025 – August 2025

- Developed highly responsive user interfaces using **React.js** and Tailwind CSS, implementing component lazy-loading to improve Initial Content Paint (LCP) by 25%.
- Engineered RESTful backend services with **Node.js** and Express, implementing input validation and error handling middleware to ensure API stability.
- Optimized **MongoDB** query performance by utilizing proper indexing strategies, reducing data retrieval latency for content-heavy modules.

Education

LN College of Management and Technology, Bachelor of Computer Applications (BCA)   June 2022 – July 2025

- **Key Coursework:** Data Structures and Algorithms, Database Management Systems (DBMS), Computer Networks, Operating Systems (OS), Software Engineering.