

Harsh Bajaj

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PROFESSIONAL SUMMARY

Full Stack Engineer with 1+ years of experience building and deploying web applications using React.js, Node.js, TypeScript, Python, and AWS. Experienced in REST APIs, database development, application security, performance optimization, troubleshooting, and end-to-end feature delivery.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python

Frontend: React.js, Next.js, HTML5, CSS3

Backend: Node.js, Express.js, RESTful APIs

Databases: PostgreSQL, MySQL, MongoDB, Redis, SQL

Infrastructure: AWS, Docker, Linux, Nginx, PM2

Performance & Security: Load Testing, JWT, RBAC, Rate Limiting, Debugging

Tools & Concepts: Git, Postman, OOP, DBMS, SDLC, Agile, Debugging

EXPERIENCE

Web Developer (Backend)

Apr 2025 – Apr 2026

Cynox Security LLP

Delhi, India

- Built RESTful APIs for **3 production systems** using Node.js, Express.js, and PostgreSQL, supporting core workflows for a **25-person organization**.
- Cut response time from **680ms to 300ms (~2.3×)** under **100+ concurrent users** via PostgreSQL optimization and async processing.
- Compressed **100+ page PDF reports** from **150MB to 15MB (10×)** through backend optimization, improving download speed and production stability.
- Deployed production services** using Docker, Nginx, and PM2 across Linux environments, with AWS S3 for file storage.

Freelance Software Developer

May 2026 – Present

Self-Employed

Delhi, India

- Delivered a client-specific Task Management System in **1 week** using React.js, Node.js, TypeScript, and MySQL.
- Built responsive **7 React.js interfaces** integrated with REST APIs for a freelance client serving a **20–50 user organization**.
- Resolved client issues within **48 hours** through rapid bug fixes and enhancements.
- Maintained **zero-downtime deployment** with **21 days** of post-production support.

PROJECTS

AI Resume Matching & ATS Feedback System

Mar 2026 – May 2026

Node.js, PostgreSQL, ONNX Runtime, TF-IDF, Docker

[Github](#)

- Built an AI-powered data processing platform handling **1,000+ resumes/sec** using Node.js, Python, PostgreSQL, and ONNX Runtime.
- Improved resume evaluation consistency by **45%** through a configurable ATS scoring engine.
- Sustained **~1350 requests/sec** under **2000 virtual users** with zero request failures **during load testing**.

Task Management System

Jun 2026 – Jul 2026

Node.js, MySQL, JWT, RBAC

[Live](#) | [Github](#)

- Built a full-stack web application for 20+ users using React.js, Node.js, PostgreSQL/MySQL, Redis, JWT, and RBAC.
- Reduced unauthorized access attempts by **85%** through JWT authentication, RBAC, and API rate limiting.

EDUCATION

Indira Gandhi National Open University (IGNOU)

2025 – 2027

Master of Computer Applications (MCA)

New Delhi

Deshbandhu College

2021 – 2025

BSc Computer Science

New Delhi