

UTKARSH SINGH

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PROFESSIONAL SUMMARY

Full-stack developer with hands-on experience building 5+ production applications serving 100+ concurrent users. Proficient in React, Next.js, Node.js, PostgreSQL, and cloud infrastructure with 30%+ performance improvements. AKTU Computer Science student (7.4+ GPA) specializing in scalable system architecture.

EDUCATION

B.Tech, Computer Science and Engineering
Pranveer Singh Institute of Technology, Kanpur AKTU University

CGPA 7.4+
July 2026

EXPERIENCE

Software Development Engineering - Intern
Bluestock Fintech, Remote

May 2025 – July 2025 (3 months)

- Spearheaded development of IPO web platform serving 5+ concurrent users with 99.5% uptime using Node.js, Express, PostgreSQL
- Constructed 40+ UI components delivering responsive HTML, CSS, JavaScript, Bootstrap interface
- Accelerated database performance by 35% through query optimization; deployed 15+ REST API endpoints
- Directed Git workflow integration and Figma design system adoption across 3-member team
- Validated endpoints via Postman; ensured secure, well-documented codebase

PROJECTS

Ashmark – (Full – Stack Ecommerce Web Application)
Github-Link Live-Link

December 2025 – February 2026

Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Node.js, PostgreSQL, Vercel

- Developed end-to-end e-commerce solution managing 100+ products, 50+ SKUs
- Fabricated 25+ reusable React components achieving 95% code reusability
- Assembled PostgreSQL schema handling 10,000+ records; executed 20+ CRUD operations with <100ms latency
- Enhanced performance metrics through code-splitting and lazy loading; boosted Lighthouse scores to 85+
- Provisioned production application on Vercel maintaining 99.8% availability

AstrobyAB – (Full – Stack Astrology Website)
Github-Link Live-Link

January 2026 – February 2026

Tech Stack: Next.js, React, TypeScript, Node.js, PostgreSQL, Railway, Vercel

- Delivered production-grade astrology platform serving 50+ concurrent users
- Instituted NextAuth.js security layer managing 8+ roles; enforced 2-tier access control
- Formulated 40+ responsive UI components using Tailwind CSS; standardized design system reducing inconsistencies by 80%
- Refined PostgreSQL query efficiency achieving 60% faster response times through strategic indexing
- Launched backend on Railway (99.7% uptime), frontend on Vercel; configured 3 environment stages

TECHNICAL SKILLS

- Languages: Python, Java, C, SQL, JavaScript, TypeScript
- Web Development: HTML, CSS, React, Next.js, Node.js, Express, Bootstrap, Tailwind CSS, REST APIs
- Databases: PostgreSQL, MongoDB, Oracle, MySQL, Prisma ORM
- Tools & Platforms: VS Code, Git, GitHub, Postman, Figma, Vercel, Railway, MongoDB Atlas

CERTIFICATIONS

Web Development Certification Internshala, 2024
Machine Learning Fundamentals Internshala, 2024