

# Harshit Singhal

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## PROFESSIONAL SUMMARY

Full-Stack Developer with internship experience in AI-integrated and full-stack web engineering. Specializes in scalable applications using React.js, Next.js, TypeScript, and Supabase, with expertise in REST API design, real-time data systems, SSR-optimized architectures, and RBAC implementation. Proficient in PostgreSQL schema design, component-based UI development, and CI/CD workflows. B.Tech CSE candidate (CGPA: 8.2) targeting software engineering and full-stack development internships.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, Dart

**Frontend & Mobile:** React.js, Next.js, Flutter, Tailwind CSS, Zustand, Context API, Responsive Design, SEO, Core Web Vitals

**Backend & APIs:** Node.js, REST API Design, SSR, Real-Time Systems, Authentication & Authorization (RBAC)

**Databases:** PostgreSQL, Supabase, Firebase Firestore

**Cloud & DevOps:** AWS (Cloud Practitioner), Git, GitHub Actions, Vercel, Linux, CI/CD

**Developer Tools:** Postman, Vite, Figma, GitHub Copilot, Claude AI, Prompt Engineering

**CS Fundamentals:** Data Structures & Algorithms, OOP, System Design, DBMS, OS

## EXPERIENCE

### Full Stack Engineer Intern

*Unessa Foundation*

Online

Jan 2026 – Feb 2026

- Developed and shipped production-ready features across frontend and backend layers in a React.js and Node.js codebase, implementing REST API integrations and reusable component architecture to improve feature delivery velocity.
- Maintained version-controlled contributions via Git and GitHub, managing feature branches and collaborating on code reviews and documentation standards throughout the development lifecycle.

### AI Web Development Intern

*InAmigos Foundation*

Online

2025 (15 Days)

- Accelerated prototyping and feature delivery by integrating GitHub Copilot and Claude AI into the development workflow, reducing iteration cycles through structured prompt engineering and AI-assisted code generation.

## PROJECTS

**EchoCampus** | Next.js, TypeScript, Supabase, Firebase | [Live](#) | [GitHub](#)

Aug 2025 – Present

- Architected a full-stack campus super-app in Next.js and TypeScript, consolidating 5+ modules — announcements, marketplace, lost-item reporting, faculty discovery, and peer messaging — with SSR-optimized pages and modular component architecture deployed on Vercel.
- Engineered a three-tier RBAC system (student, faculty, admin) via Supabase Auth with PostgreSQL row-level security policies; integrated Firebase Firestore for real-time anonymous messaging and upvoting with optimistic UI updates.

**CafeFlow** | Next.js, TypeScript, Supabase, PostgreSQL, Zustand | [GitHub](#)

Nov 2025 – Jan 2026

- Built a full-stack restaurant operations platform using Next.js SSR, featuring real-time token queuing, order lifecycle tracking, and a kitchen management interface served through RESTful API endpoints.
- Shipped a role-protected admin dashboard with live order management and sales analytics; orchestrated global cart state via Zustand and optimized persistent order lookup through indexed PostgreSQL queries on Supabase.

**EventSync** | Next.js, TypeScript, Supabase, PostgreSQL | [GitHub](#)

April 2026 – May 2026

- Deployed a centralized event and opportunity discovery platform with server-side rendered pages, RESTful APIs, and a permission-gated admin portal supporting event creation, approval workflows, and participant registration management.
- Engineered full-text search and multi-parameter filtering (category, date range, organizer, registration status) via optimized Supabase database queries, improving search relevance and response consistency across all listings.

## ACHIEVEMENTS

- Secured **3rd Place** at Creovate TechFest — developed an Arduino-based Autonomous Maze Solver implementing real-time pathfinding logic in C++, competing among 25+ participants.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner (*In Progress, 2026*) – Amazon Web Services
- MongoDB Java Developer Path – MongoDB University

## EDUCATION

### B.Tech Computer Science and Engineering

*Manav Rachna University*

Expected 2028

CGPA: 8.2

### Class 12<sup>th</sup> – CBSE

*Aggarwal Public School, Ballabgarh*

June 2023 – May 2024

Percentage: 86.4%

**Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Object-Oriented Programming