

NITIN KUMAR

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EDUCATION

Bachelor of Technology in Computer Science, GLA University, Mathura	June 2027
Intermediate, Oxford Model Senior Secondary School, Kanpur	May 2023
High School, Oxford Model Senior Secondary School, Kanpur	May 2021

INTERNSHIP / TRAINING EXPERIENCE

Smart Full Stack Development (JOVAC'25), GLA University, Mathura	June 2025 - July 2025
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Full Stack Development Trainee

- Developed frontend applications using HTML, CSS, and JavaScript, and backend fundamentals with Node.js and Express.js.
- Built REST APIs, handled server-side logic, and gained practical experience with client-server architecture.
- Improved problem-solving, debugging, and full-stack development skills through hands-on technical projects and coding exercises.

PROJECTS

BackendKit - Open Source NPM Package (@nitinkumar16/backendkit , v1.0.4)	Feb 2026-June 2026
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Node.js | Express.js | JWT | Zod | TypeScript | Helmet | npm Publishing

- Designed and published a production-ready Node.js/Express backend utility library with 200+ downloads, reducing repetitive backend setup code from approximately 1,500–2,000 lines to 100–200 lines for authentication, security, validation, and error handling.
- Built a complete JWT authentication and authorization system with access/refresh token generation, token verification, authenticate() middleware, and role-based access control using authorizeRoles for securing REST APIs and protected routes.
- Implemented security middleware, schema validation, centralized error handling, structured logging, plugin-based extensibility, TypeScript support, and 197 automated tests using tools such as Helmet, CORS, rate limiting, CSRF protection, XSS sanitization, IP filtering, NoSQL injection prevention, Zod, AppError, asyncHandler, and global errorHandler..

Alumni Bridge Platform 	Mar 2026 - May 2026
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React.js | Node.js | Express.js | MongoDB | Socket.IO

- Developed a full-stack alumni networking and mentorship platform with role-based dashboards, implementing secure JWT authentication, protected routes, and RESTful APIs for role-based access control and scalable backend communication.
- Built real-time chat, live notifications, discussion forums, mentorship workflows, job postings, and event management using Socket.IO; deployed a production-ready MERN architecture with AI-powered assistance features (frontend on Vercel, backend on Render).
- Built role-based dashboards and data-driven modules for users, mentorship, job postings, events, and communication workflows, strengthening understanding of access control, structured data management, reporting-style interfaces, and user workflow management.

SKILLS

Programming Languages: Java, JavaScript, TypeScript, SQL

Backend & Web Technologies: Node.js, Express.js, REST APIs, MongoDB, JWT Authentication, Socket.IO, Zod, Helmet

Frontend Technologies: React.js, Redux Toolkit, HTML, CSS

Tools & Platforms: Git, GitHub, MS Excel, npm, Postman, Render, Vercel, Figma

Concepts: OOP, Role-Based Access Control, API Security, Middleware Design, Open-Source Package Development, Automated Testing

Salesforce & CRM: Salesforce Administration, CRM Fundamentals, Salesforce Trailhead, Reports & Dashboards, Objects & Fields, Validation Rules, Flow Builder, User Management, Data Management, Revenue Operations

Soft Skills: Effective Communication, Interpersonal Skills and Leadership, Problem Solving

PROFESSIONAL ACHIEVEMENTS / INSIGHTS

- [HackerRank SQL Certification](#) - Demonstrated intermediate-level SQL skills.
- Published and maintain an open-source npm package ([@nitinkumar16/backendkit](#)) with 200+ downloads, 197 automated tests, and TypeScript support.

CO-CURRICULAR ACTIVITIES

- Active learner in software development and AI-based technologies.
- Exploring Salesforce Administration, CRM fundamentals, and Trailhead modules to strengthen platform and business process understanding.

DECLARATION

I hereby declare that all the above mentioned information is true and correct to the best of my knowledge.