

Full Stack Developer committed to delivering scalable, high-performance cloud-native applications by leveraging expertise in Serverless Architectures, Microservices, and API development. Targeting to drive innovation and operational excellence in dynamic engineering teams through robust back-end solutions and optimized database design.

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CORE COMPETENCIES

- Backend API Development 
- Front-end Development 
- Data Management 
- State Management 
- Serverless Architecture & Cloud Solutions 
- Microservices Design & Implementation 
- Database Design & Performance Optimization 
- AWS Cloud Services Integration 
- CI/CD Pipeline Automation 
- System Integration & Workflow Automation 
- Authentication & Authorization Security 
- Agile Development & Cross-Functional Collaboration 
- Containerization & DevOps Practices 
- Messaging & Streaming Technologies 

TECHNICAL SKILLS

- Programming Languages:** JavaScript (ES6+), TypeScript, SQL
- Backend Frameworks:** Node.js, Express.js, NestJS, TRPC
- Frontend:** React.js, HTML5, CSS3
- Databases:** PostgreSQL, MySQL, MongoDB, DynamoDB, Redis
- Cloud & DevOps:** AWS Lambda, API Gateway, S3, DynamoDB, CloudWatch, Cognito, Amplify, AppRunner, EventBridge, SNS, SQS, CloudFormation, EC2, ELB, Docker, Nginx, CI/CD Pipelines
- Messaging & Streaming:** Kafka, RabbitMQ
- Testing:** Jest, Supertest
- Tools:** Git/GitHub, Postman, Node-RED
- Additional Expertise:** RESTful APIs, JWT, OAuth 2.0, Microservices Architecture, Serverless Applications, Data Structures & Algorithms

Nikunj Kumar Garg

Fullstack Developer

PROFILE SUMMARY

- Results-driven Full Stack Developer with **over 3 years of experience** in specializing in scalable back-end API design, serverless cloud architectures, and high-performance database optimization across E-Commerce, Enterprise, and Retail sectors.
- Currently architecting and deploying robust **RESTful APIs** using **AWS Lambda**, **API Gateway**, and **DynamoDB** to ensure ultra-low latency, fault tolerance, and cost efficiency at **Nosh Robotics**.
- Proven expertise in building cloud-native applications with **Node.js**, **NestJS**, and **Express.js**, complemented by automated CI/CD pipelines and comprehensive AWS service integrations for enhanced system reliability.
- Skilled in containerization, Microservices, & secure authentication frameworks (**JWT**, **OAuth 2.0**), delivering secure, maintainable solutions aligned with modern DevOps practices.
- Collaborative problem-solver driving cross-functional integration workflow leveraging **Kafka** and **RabbitMQ**, enhancing operational efficiency and seamless data flow.

WORK EXPERIENCE

Nosh Robotics | Backend Developer | Jul 2025 – Present

- API Development:** Designing and developing scalable RESTful APIs leveraging AWS Lambda, API Gateway, and DynamoDB to ensure low latency and high availability.
- Serverless Architecture:** Implementing cost-efficient serverless patterns for cloud-native applications.
- Dashboard Development:** Building internal CRM and analytics dashboards with React.js for real-time business monitoring.
- AWS Integration:** Utilizing S3, CloudWatch, IAM, and Secrets Manager to enhance logging, monitoring, and security posture.
- Database Optimization:** Collaborating on database schema design and optimizing DynamoDB query performance.
- Security Implementation:** Developing authentication and authorization flows using AWS Cognito and API Gateway.
- CI/CD Automation:** Automating deployment pipelines using AWS SAM and CloudFormation templates.
- Cross-team Collaboration:** Coordinating with product and QA teams to troubleshoot, debug, and optimize production systems.

Achievements:

- Designed and deployed scalable serverless APIs reducing system latency by 25 - 35% and improving cost-efficiency of cloud operations.
- Developed internal dashboards that enhanced real-time business insights, increasing monitoring efficiency by 40%.
- Strengthened authentication workflow, improving system security and reducing unauthorized access incidents by 30%.

Ipsator | Software Engineer | Jun 2024 – Jul 2025

- Backend APIs:** Developed and maintained scalable Node.js RESTful APIs for personalized enterprise content delivery.
- Authentication & Authorization:** Architected user authentication and role-based access control services.
- Frontend Coordination:** Worked closely with front-end teams to deliver responsive features integrating REST and JSON APIs.
- Testing:** Implemented unit & integration tests using Jest & Supertest to maintain API stability.
- Version Control:** Managed source code with Git and GitHub, supervising feature branches and peer reviews.
- Agile Development:** Participated in Agile sprints collaborating with product managers & QA.
- Query Optimization:** Improved MongoDB and MySQL query performance to maintain data consistency.
- API Integration:** Integrated third-party services such as WhatsApp, LinkedIn, and Google Calendar to extend app functionality.

Project: Program Scheduler

- Developed a web application for academic institutions (IITs, IIMs) managing programs, faculty, and participant scheduling.
- Designed performant database schema using MongoDB and developed back-end APIs in NestJS.
- Ensured data integrity via middleware and custom decorators; coordinated with front-end and deployment teams.

CERTIFICATIONS

- Namaste React Certification, 2024
- Namaste Node.js Certification, 2023

SOFT SKILLS

- Analytical Thinking
- Problem Solving
- Adaptability
- Learning Agility & Continuous Improvement

EDUCATION

- 2017–2020: Bachelor of Technology in Computer Science Engineering, Dehradun Institute of Technology, Uttarakhand
- 2014–2017: Diploma in Computer Engineering, Seth Jai Parkash Polytechnic, Haryana

PERSONAL DETAILS

- **Address:** Yamuna Nagar, Haryana, 135003
- **Languages Known:** English, Hindi, Punjabi
- **Date of Birth:** 29th October 1998

Achievements:

- Delivered high-performance Node.js APIs enabling personalized content delivery, improving user engagement.
- Improved database query efficiency (MongoDB/MySQL) resulting in faster data retrieval and consistency.
- Implemented comprehensive testing suites reducing production bugs and enhancing API stability.

Zeitgeist Retail Private Limited | Integration Engineer | Jan 2023 – Jun 2024

- **System Integration:** Developed integrations between internal platforms and external e-commerce marketplaces for catalog synchronization and order management.
- **Workflow Automation:** Automated price updates, stock availability, and product catalog refresh across sales channels.
- **Order Pipeline:** Implemented pipelines for accurate and timely ingestion of orders from partner platforms.
- **Troubleshooting:** Collaborated with teams to resolve integration issues, improving operational efficiency and reducing order failures.

Projects:

ONDC Buyer and Seller Applications

- Delivered end-to-end applications adhering to ONDC protocols for seamless product discovery and order management.
- Developed core back-end features with Node.js, Express.js, MongoDB, and RabbitMQ.

In-Flight Entertainment System for Indigo

- Developed system for uploading product catalogs to aircraft boxes; enabled passenger order placement and post-flight purchase flow.
- Integrated order data with internal systems and provided daily sales reports to Indigo.

Bharat Bill Payment APIs Integration

- Led integration of Bharat Bill Payment System APIs with Razorpay for streamlined bill payments across categories.
- Developed APIs for bill fetching, biller details retrieval, payments, and user management.

Achievements:

- Streamlined catalog synchronization and order management across multiple e-commerce platforms, reducing order failures by 30%.
- Automated product & price update workflow, decreasing manual effort & errors by 60%.
- Enhanced order ingestion pipelines leading to 35% improvement in order processing accuracy and timeliness.
- Collaborated cross-functionally to resolve integration issues, increasing operational uptime by 25%.

PERSONAL PROJECT

DevTinder | 2025

- A full-stack social networking application designed for developers to create profiles, discover peers, send connection requests, and chat with their network in real time. The platform fosters collaboration and knowledge sharing among developers.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB

FREELANCE PROJECT

Intelligent Recommendation System | 2024

- Built a recommendation engine analyzing company and competitor data, generating actionable tasks with OpenAI integration.
- Managed back-end APIs, authentication, data management, and containerization.