

Abhinav Savarni

Backend Developer | SDE (Node.js | Express | PostgreSQL | REST APIs)

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📄 Summary

Backend Developer Intern skilled in Node.js, Express.js, REST API development, and scalable backend systems. Experience building multi-tenant architectures, event-driven systems, and real-time applications using PostgreSQL and MongoDB. Strong foundation in data structures, system design, and performance optimization.

📁 Projects / Experience

Shopify Data Ingestion System , MERN | Node.js | GraphQL | PostgreSQL | Webhooks | OAuth 2.0 [↗](#)

- Built a **scalable multi-tenant backend system** using Node.js and Express.js for ingesting Shopify data (customers, orders, products)
- Designed **event-driven data pipelines** ensuring ACID-compliant transactions and reliable synchronization
- Implemented **OAuth 2.0 authentication** and secure token storage for tenant-level data isolation
- Optimized backend workflows to handle high-volume real-time **webhook** events efficiently

TaskFlow – Project Management Platform , MERN Stack | JWT Auth | REST APIs | MongoDB [↗](#)

- Developed a **full-stack Kanban-based system** supporting **100+ concurrent users** with high availability
- Built **12+ RESTful API** endpoints using Node.js and Express with **optimized MongoDB queries and indexing** (~60% faster retrieval)
- Implemented **JWT authentication and bcrypt hashing** for secure session management
- Designed real-time task management features with efficient state handling and user interaction

MediLens – AI-powered Medical Insights Platform , Full-Stack | Node.js | OCR | NLP | React [↗](#)

- **Built backend APIs** for processing medical prescription images and extracting structured insights
- **Integrated OCR and NLP** pipelines for data extraction and classification
- Developed scalable API architecture for handling image processing workflows

🎓 Education

B.E. in Computer Science Engineering, Chitkara University, Rajpura

06/2026

Expected Graduation: June 2026

🧠 Skills

Languages: C++, JavaScript, Python, Java

Backend Development: Node.js, Express.js, REST APIs, GraphQL, API Development, Scalable Systems

Databases: PostgreSQL, MongoDB, MySQL

Tools & Platforms: Git, Linux, Firebase, Supabase, GitHub, Docker, CI/CD

Concepts: Data Structures & Algorithms, OOP, System Design, Operating Systems, Event-Driven Architecture

📜 Certificates

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| • IBM Applied DevOps Engineering – Coursera | • IBM AI Enterprise Workflow – Coursera | • AI Foundations for Everyone Specialization (IBM) |
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