

Ashish Kumar

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Summary

Backend-focused Full Stack Developer with hands-on experience in designing, developing, and deploying scalable web applications. Strong expertise in Node.js, Express.js, REST APIs, PostgreSQL, MongoDB, Redis, Docker, Kubernetes, and AWS. Experienced in building System systems, cloud deployment, CI/CD pipelines, and performance optimization. Winner of Smart India Hackathon 2024.

Education

Bakhtiyarpur College of Engineering

B.Tech in Computer Science and Engineering

2022 – 2026

SGPA: 7.22

Experience

Salesforce Virtual Internship

Aug 2024 – Oct 2024

- Customized Salesforce CRM objects, fields, page layouts, and workflows to meet business requirements
- Built automation using Salesforce Flow, validation rules, and reports to improve operational efficiency
- Worked on CRM customization, process automation, and data reporting

Projects

Codesheet.in — Online Coding and Interview Platform

- Designed and developed a scalable backend using Node.js and Express.js following REST API principles
- Implemented role-based authentication and authorization for admin and user workflows
- Built an admin panel for problem creation, test case management, and multi-language support
- Integrated Judge0 API for secure, sandboxed code execution supporting 5+ programming languages
- Optimized concurrent code submissions using Redis caching and PostgreSQL indexing
- Implemented AI-based time and space complexity analysis for submitted solutions
- **Tech Stack:** Node.js, Express.js, PostgreSQL, Redis, REST APIs, Judge0

Vibly.in — E-commerce Clothing Platform

- Developed and deployed a production-ready e-commerce platform with order and inventory management
- Designed a role-based admin dashboard to manage products, sales, inventory, and complete order lifecycle
- Integrated secure payment processing and Shiprocket-based shipping automation for order fulfillment and tracking
- Implemented secure authentication using OAuth 2.0 and background job processing for transactional email delivery
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Redis, BullMQ, Razorpay, Shiprocket, DigitalOcean

Skills

Frontend Technologies: JavaScript, React.js, Next.js, Tailwind CSS, Shaden, Zustand

Backend Technologies: Node.js, Express.js, REST APIs, Socket.IO, Google OAuth

Databases: PostgreSQL, MongoDB, Redis

Messaging & Queues: RabbitMQ, BullMQ

DevOps & Cloud: Docker, Kubernetes, AWS (EC2, S3), GitLab

Tools: Git, GitHub, Linux, Digital Ocean

Certifications

- Docker for Modern Application Development — Udemy (Link)
- JavaScript Backend Development (Node.js, Express.js) — Udemy (Link)

Achievements & Leadership

- Winner — Smart India Hackathon 2024 (Certificate)
- GDSC Tech Lead — Bakhtiyarpur College of Engineering (2024 – 2025)