

# Gagan Arora

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## Technologies

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**Languages:** C / C++, JavaScript, TypeScript, SQL, HTML/CSS, Python

**Frameworks / Libraries:** NodeJS, ExpressJS, Bootstrap, ReactJS, NextJS, MySQL, MongoDB, JSX, AOS, WowJS, ElectronJS

**Platform:** Git, Github, Postman, AWS (Amplify, EC2 , S3 Bucket, Lightsail), Scratch v3, Blockly, VS Code

## Projects

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### phsteel.in

- Tech: NextJS 15, ReactJS, NodeJS/ExpressJS, MongoDB Atlas, AWS Amplify
- Built form database pipeline with validation, spam protection, and automated stakeholder email alerts.
- Developed admin panel for reviewing/exporting submissions with role-based access.
- Designed a responsive, modern UI with optimized layouts and components, improving user navigation and reducing page load times by 35 percent.

### premindustries.in

- Tech: NextJS, NodeJS/ExpressJS, MongoDB Atlas, AWS Amplify
- Engineered a scalable corporate website with modular, reusable components and a responsive UI, ensuring consistency and maintainability across all pages.
- Built and hosted a Node.js/Express API to process form submissions, store leads in MongoDB, and send automated email notifications.

### E-commerce Store

- Tech: MERN (React, Node/Express, MongoDB Atlas), JWT, AWS EC2 and Amplify
- Implemented authentication, authorization, and CRUD for products, orders, and users.
- Built React admin panel for inventory/content management and order workflows.
- Deployed backend on EC2 and frontend on Amplify with documented REST APIs.

### Fuel Expense Web App

- Tech: React, Node/Express, MongoDB Atlas, AWS Amplify, S3
- Designed camera-only receipt capture flow with metadata for fraud reduction.
- Implemented admin approve/reject workflow, audit trail, and role-based dashboards.

### Link Shortener

- Tech: Node/Express, React, MongoDB, JWT, NGINX
- Built token-based authentication and per-user namespaces with analytics.
- Deployed multiple instances behind load balancer with health checks for uptime.
- Created a minimal UI for link management and API documentation.

## Experience

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### Software Engineer, OnGraph Technologies, Noida

November 2025 – Present

- Worked on the Nabtt OTT platform backend using Node.js (Express) and MongoDB, handling core business logic and APIs.
- Developed Admin and Content Creator dashboards, enabling content management, user controls, and platform operations.
- Implemented manual KYC verification and admin approval workflows, including document review, status tracking, and access control.
- Integrated Stripe subscription payments with country-wise pricing and plans, handling subscription lifecycle and

payment validation.

- Built Hudii project dashboards and performed API integrations, connecting frontend components with backend services for data-driven workflows.

**Full Stack Web Developer**, Prem Industries India Limited, Greater Noida

January 2024 – November 2025

- Developed and maintained full-stack applications using MERN stack and Next.js.
- Deployed and managed projects on AWS services including EC2, Lightsail, S3, and Amplify.
- Built and hosted multiple websites, internal company apps, and REST APIs.
- Optimized application performance, scalability, and security for production environments.

**Backend Developer Intern**, Bellegirl Lifestyles, Mumbai (Remote)

August 2023 - January 2024

- Customized Shopify storefronts with themes, apps, and automation.
- Scrapped and structured web data using AI tools and Python.
- Collaborated with team to prepare reports and improve workflows.

**Web Developer Intern**, Seiko Media (DIGIXOM SOLUTIONS), Dubai (Remote)

February 2023 – April 2023

- Built responsive user interfaces using HTML, CSS, and JavaScript frameworks.
- Improved website design for better user experience and performance.
- Collaborated with backend team to integrate APIs into frontend.

## Education

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**Inderprastha Engineering College**, Bachelor of Technology in IT

November 2020 – June 2024

- CGPA: 7.56

• **Coursework:** Computer Architecture, Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Machine Learning, Computational Theory

**Ramagya School**, 12th Class

March 2019 – March 2020

- Percentage: 77.8

**Ramagya School**, 10th Class

March 2017 – March 2018

- Percentage: 77

## Honors

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**FRONT-END DESIGN TOURNAMENT** ([Link](#))

- Achieved 1st place in the Webkriti front-end design competition for creating an aesthetically pleasing and fully responsive website within a limited timeframe.
- Designed and delivered a visually appealing, responsive website, adhering to project deadlines and user experience best practices.