

BANDARU NARASIMHAGUPTA

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Education

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering

- CGPA: **8.22/10**

Punjab

2022 – 2026

Technical Skills

Languages: JavaScript, Java, C++, Python, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Material UI

Backend: Node.js, Express.js, REST APIs, GraphQL

Databases: MongoDB, MySQL, PostgreSQL

Frameworks & Platforms: React.js, Next.js, Frappe, ERPNext, Shopify

Tools: Git, GitHub, Linux, Redis, Postman, Strapi

Experience

Infinite Locus

Software Development Engineer-I (Full Stack)

Gurugram, India

Sept 2025 – Present

- Built and shipped **8+ production REST APIs** on Python/Frappe/ERPNext supporting Shopify order synchronization, inventory, finance, and logistics workflows.
- Engineered an **inventory snapshot pipeline** by consolidating inventory across **8+ ERP tables** using composite-key mapping (Item–Warehouse–Batch), batched SQL aggregation, and scheduled background jobs.
- Optimized a high-volume **Delivery Note synchronization API** through batched processing and SQL query optimization, reducing database load for finance workflows.
- Developed resilient **Sales Order APIs** with customer, warehouse, address, and state fallback mechanisms, improving Shopify-to-ERP order synchronization reliability.
- Integrated **ClickPost** for shipment creation, AWB generation, shipping labels, invoice downloads, and retry-based order fulfillment automation.
- Improved Shopify storefront performance by optimizing **Core Web Vitals (LCP, FCP, CLS)** using PageFly configuration, responsive media handling, and Lighthouse-guided performance tuning.
- Built responsive Next.js interfaces from Figma, integrated Strapi CMS with Google Cloud Storage assets, and implemented GSAP, Framer Motion, and Lenis animations.

Projects

JobTrackr – Job Application Tracker | *React.js, Material UI, Node.js, Express.js, MongoDB, JWT*

- Built a full-stack MERN application tracking job applications through pipeline stages (Applied, Interview, Offer, Rejected) with user-scoped data isolation on every query.
- Implemented **JWT authentication** with bcrypt password hashing via Mongoose pre-save hooks, and protected routes on both client and server.
- Designed a **password reset flow using time-bound email OTP** with Nodemailer, including OTP expiry handling and rollback on email delivery failure.
- Built an analytics dashboard with **Recharts** visualizing status distribution and source breakdown; added Multer-based resume/JD upload with MIME filtering.
- Designed RESTful APIs following the MVC architecture with reusable middleware, validation, analytics dashboards, and file upload support.

GroceryHub – E-Commerce Platform | *React.js, Node.js, Express.js, MongoDB*

- Developed a responsive grocery e-commerce app with product catalog across 6 categories, cart, and checkout flow; deployed on Render.
- Architected global cart and search state using the **React Context API**, avoiding prop drilling across category pages while keeping the bundle lightweight.
- Implemented JWT authentication and a login-attempt audit log (success/failure with IP address) for basic security observability.
- Designed reusable React components and responsive layouts, improving maintainability and user experience across desktop and mobile devices.

Achievements

- Solved **300+ DSA problems** across LeetCode and GeeksforGeeks (LeetCode Contest Rating: **1414**).
- Built and shipped production APIs supporting Shopify, ERPNext, inventory synchronization, and warehouse automation.
- Developed and deployed multiple full-stack MERN applications with authentication, analytics, and cloud deployment.

Certifications

- MERN Stack Development
- Cloud Computing