Neha Singh

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Education

Delhi Skill Entrepreneurship University	Expected June 2026
Bachelor of Computer Applications (BCA) (CGPA: 9.26 / 10.00)	*Delhi, Delhi*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Computer Networks, Operating Systems, Machine Learning with Python, Artificial Intelligence with Neural Networks, Web Development, Cloud Computing, Cyber Security

Sarvodaya Kanya Vidyalaya	2023
CBSE (Class XII) – 84%	*Delhi, India*
Sarvodaya Kanya Vidyalaya	2021
CBSE (Class X) – 79%	*Delhi, India*

Experience

AonixGlobalAi	Jan 2025 – Mar 2025
MERN Stack Developer	*Remote*

- Developed and deployed two full-scale web platforms using the MERN stack, delivering 100% production-ready applications within 3 months.
- Built secure, role-based authentication with JWT & HTTP-only cookies, reducing unauthorized access risks.
- Designed product architecture and integrated REST APIs, improving data retrieval speed by 30%.

Projects

BuddyBudget | *React, Node.js, Express, MongoDB* — Code

- Built a responsive full-stack budget management app with React, Node.js, Express, and MongoDB.
- Implemented JWT-based authentication with HTTP-only cookies for secure access.
- Designed REST APIs for CRUD operations on budgets, expenses, and profiles.
- Integrated data visualization using Chart.js for real-time financial tracking.

WatchHub | *React, Node.js, Express, MongoDB, YouTube API* — Code

- Developed a scalable video streaming platform with live search and debounce, reducing API calls by 40%.
- Integrated YouTube API for fetching and streaming video content.
- Implemented user-friendly UI with optimized rendering for smooth playback.

Technical Skills

Languages: C, Python, JavaScript, C++, Java
Databases: MySQL, MongoDB, Firebase Realtime Database
Frontend: HTML, CSS, Bootstrap, Tailwind, ReactJS, Redux, Chart.js
Backend: Node.js, ExpressJS, PHP, Laravel, REST APIs, JWT Authentication
Core Subjects: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), DBMS, Operating Systems (OS), Computer Graphics, Computer Networks
Tools & Platforms: Git, GitHub, Firebase, Vercel, Netlify, Postman, Docker (Basics)
Cloud & Deployment: AWS (EC2, S3), Heroku, Render
Specialties: API Design & Integration, Scalable Architecture, Responsive Web Design, UI/UX Principles, Problem Solving, Agile Development

Achievements

- Cleared 3 rounds in a Frontend Coding Contest.
- Received **JavaScript Professional Certificate** from Namaste JavaScript.
- Solved **130+ DSA problems** on LeetCode and TUF.