NAMAN BAGORIA

Portfolio Website

Jalandhar, Punjab

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Education

Dr. B.R. Ambedkar National Institute of Technology, Jalandhar	**Aug 2023 – Present**
Bachelor of Technology in Computer Science, CGPA: 8.04	*Jalandhar, Punjab*
Police D. A. V. Public School, Jalandhar	**2021 – 2022**
Senior Secondary Education, Percentage: 96%	*Jalandhar, Punjab*

Projects

LangBridge - Connect and Converse | ReactJS, TailwindCSS, ExpressJS, NodeJS, DaisyUI   GitHub   May 2025
- Built a full-stack MERN language exchange platform with 8+ responsive pages (onboarding, home, friends, chat, video call, notifications) and 3 user discovery categories, featuring real-time friend request workflows and a responsive notification system. Promoted to production on Render.
- Integrated Stream Chat and Video SDKs to enable low-latency messaging and HD video calls; added custom message components with inline timestamps, smart link previews, and call session management with route-based navigation. Secured the app using JWT-based authentication and implemented responsiveness across 4+ breakpoints.
- Designed a mobile-first UI with animated sidebar transitions and DaisyUI-powered theme customization. Engineered 15+ modular components including avatar tooltips, searchable user lists, and fully responsive user cards optimized for small-screen rendering.

Shortify - Shrink & Share | ReactJS, MongoDB, NodeJS, Express, Framer Motion, Tailwind CSS   GitHub   Mar 2025
- Developed and deployed on Render a full-stack URL shortening platform with user authentication, personal dashboards, real-time click analytics, and social sharing. Built 11+ RESTful APIs with layered validation and structured error handling.
- Implemented a secure Node.js/Express backend with JWT-based authentication, bcrypt hashing, and MongoDB integration, incorporating middleware for CORS enforcement and secure access control across 3+ collections.
- Architected a responsive React frontend with glassmorphism UI, Framer Motion animations, and a mobile-first Tailwind CSS layout. Delivered 15+ reusable components with smooth hover effects and interactive micro-transitions.

Vizstra - Live Dijkstra Visualizer | React, JavaScript, Node.js, Express.js, C++, CSS3, HTML5   GitHub   Jan 2025
- Constructed an interactive Dijkstra pathfinding visualizer with a 25×50 grid system, real-time algorithm animation, and drag-and-drop wall creation featuring step-by-step node exploration and shortest path highlighting for enhanced algorithm comprehension.
- Programmed a full-stack React application with integrated C++ code playground, enabling real-time compilation and execution of custom Dijkstra implementations via Node.js backend with g++ compiler integration, deployed on Render.
- Designed a responsive UI with modern effects, dark/light theme toggle, animated particle background, and professional component architecture supporting 480px+ breakpoints with optimized mobile layouts.

Technical Skills

Languages: C, C++, Python, JavaScript, HTML/CSS
Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, Redux Toolkit, DaisyUI, TanStack Query
Databases: MongoDB, MySQL
Developer Tools: Git, GitHub, VS Code, Postman, Cloudinary
Authentication & Security: JWT Authentication

Relevant Coursework

- Data Structures & Algorithms
- Object Oriented Programming
- Database Management Systems
- Computer Networks

Coding Profiles

LeetCode — Naman Bagoria on LeetCode
Solved 700+ problems with a max rating of 1750+, emphasizing core DSA concepts.

GeeksforGeeks — Naman Bagoria on GFG
Solved 150+ problems with an institute rank under 650.

Coding Ninjas (Code360) — Naman Bagoria on Coding Ninjas
Solved 100+ questions and earned 30+ topic-specific DSA badges.