

DEEP SHAH

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Sophomore Computer Science student at NJIT with a passion for full-stack development and building scalable, user-friendly applications. Skilled in modern frameworks like React.js, Next.js, and Node.js, with experience in cloud deployment and API integration. Dedicated to applying technical knowledge to real-world projects and continuous learning.

PROJECTS

Youtube Clone | React (Next.js), Firebase, Google Cloud Run, Docker, TypeScript

- Developed a YouTube-inspired web application featuring video upload, processing, and streaming capabilities.
- Deployed containerized services with Docker on Google Cloud Run, optimizing resource allocation with serverless infrastructure. Designed and integrated a custom API for managing video metadata and status updates in Firestore.
- Built a backend video processing pipeline using Node.js and Google Cloud Functions to handle file uploads, format conversions, and storage on Google Cloud Storage.
- Integrated Firebase Authentication for user sign-in and personalized features.

Banking Application | React.js, Next.js, TailwindCSS, Node.js, Plaid API, Appwrite, TypeScript

- Built server-side logic with Node.js and Next.js, handling session management, data aggregation, and API calls.
- Engineered a dynamic and responsive user interface for a banking application using React.js and TailwindCSS.
- Utilized Appwrite.io for managing user sessions, database operations, and secure communication.
- Created custom server-side endpoints for transaction handling, including categorization and balance aggregation.

Weather-Website | HTML, CSS, Javascript

- Developed a full-featured weather forecast web app that allows users to search for real-time weather updates by city.
- Integrated OpenWeatherMap API for real-time weather data, including daily and weekly forecasts.
- Designed responsive UI layouts, ensuring seamless display on devices of varying screen sizes.

EDUCATION

New Jersey Institute of Technology, Newark, NJ

Bachelor of Computer Science

- Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Database Design and Management, Intensive Programming in Linux, Probability and Statistics, E-Commerce Technology

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, Java, HTML, CSS, SQL, C, C++

Frameworks: Node.JS , React.JS , Next.JS , Express.JS , TailwindCSS

Tools: Docker, Git