DEEP SHAH

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SUMMARY

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.

EDUCATION

New Jersey Institute of Technology, Newark, NJ

Bachelor of Computer Science   December 2027
- Coursework: Data Structures and Algorithms, Linear Algebra, Database Design and Management, Probability and Statistics, E-Commerce Technology, Linux Programming.

SKILLS

Languages: Javascript, Typescript, Python, Java, HTML, CSS, MySQL, C++
Frameworks: Node.JS , React.JS , Next.JS , Express.JS , TailwindCSS
Tools: Docker, Git. Firebase, Google Cloud

PROJECTS

Youtube Clone | React.js, Next.js, Firebase, Google Cloud, 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, Dwolla
- Created server-side logic with Node.js and Next.js, handling session management, data aggregation, and API calls. Collaborated on real-time system designs, enhancing functionality for data visualization and client-side updates.
- Engineered a dynamic and responsive user interface for a banking application using React.js. Incorporated Plaid for banking connections, Dwolla for real-time fund transfers, and custom-built RESTful endpoints for transaction management.
- Integrated 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.

WORK EXPERIENCE

IT Lab Assistant, North Hudson Community College, North Bergen , NJ   Sep 2024 - Present
- Provided technical support, troubleshooting software and hardware issues for students and faculty.