NISARG THAKKAR

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Education

- **DEPSTAR, CHARUSAT UNIVERSITY** — Gujarat, India
  Bachelor of Technology - Information Technology GPA: 9.31 — *July 2020 - June 2024*

  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

- **St. Xavier's High School Loyola Hall** — Gujarat, India
  HIGHER SECONDARY — *May 2018 - July 2020*

Skills Summary

- **Languages**: Python, ReactJS, C++, JavaScript, SQL, HTML, CSS, NodeJS, TypeScript, GraphQL, GO, Java
- **Frameworks**: NextJS, ExpressJS, TensorFlow, Keras
- **Tools**: Kubernetes, Docker, GIT, PostgreSQL, MySQL, Figma, Postman
- **Platforms**: Linux, Web, Windows, Arduino, Raspberry, AWS, GCP
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking

Experience

- **Eternal Web Pvt Ltd** — In-Office
  Junior Backend Developer (Internship) — *May 2022 - July 2022*
  - **REST API Development**: Developed and maintained over 10 RESTful APIs using Express.js, enabling data exchange between more than 100 clients and servers across various domains and platforms.
  - **Database Integration**: Integrated and managed data storage and retrieval from three different databases (MySQL, MongoDB, and PostgreSQL) using ORMs and ODMs such as Sequelize and Mongoose.
  - **Middleware Implementation**: Implemented five middleware modules for Express.js, enhancing the functionality and security of the APIs with authentication, error handling, request parsing, logging, and caching features.

- **eInfochips** — Remote
  Full Stack Developer (Internship) — *May 2023 - July 2023*
  - **GraphQL API Implementation**: Created two GraphQL APIs with Apollo Server, defining schemas and queries for efficient data manipulation and reducing the bandwidth usage by 50% compared to RESTful APIs.
  - **React Landing Page**: Developed an attractive React landing page with responsive design, interactive elements, and visuals to showcase the company's offerings, increasing the conversion rate by 25% and the user engagement by 40%.

Projects

- **Sketcherly - Collaborative Dashboard (NextJS, Redux Toolkit, Firebase, use-gesture, React Spring, AWS Amplify)**: Sketcherly, a real-time collaborative design platform for over 500 users, integrating Unsplash Image API and React Icons for 50% faster asset access. AWS Amplify ensured the security of 200 monthly authentication requests. (March 2023)
- **KnowledgeKnights - Give quiz while playing your favourite game (EJS, ExpressJS, TailwindCSS, MongoDB)**: KnowledgeKnights" combines education and fun for youngsters through games and engaging quizzes. KnowledgeKnights engaged 100+ youngsters with gamified quizzes, using Twilio for 100+ daily OTP verifications. (February 2023)
- **Anime NFT's MarketPlace (Hardhat, Solidity, MongoDB, NextJS, IPFS)**: The Anime NFT Marketplace Dapp allows anime enthusiasts to trade NFTs using blockchain and smart contracts, with IPFS integration for efficient file handling. It's open-source, customizable, and ready for developers to create their own NFT marketplaces. (November 2022)

Publications

- **IOT based Weather Monitoring and Weather Prediction using ML**: 4th International Conference on Inventive Computation and Information Technologies (March 2023)

Honors and Awards

- MLH Top 50 Hacker - July, 2023
  Info: *I was named one of Major League Hacking's (MLH) Top 50 Hackers in 2023. Out of the 150,000 students who participated in hackathons and community events, my story was one of 50 that was recognized on this list due to my projects and impact on other students in the community.*
- Winner of HackNITR4.0 Shardeum Track - January, 2023

Volunteer Experience

- **Content Writer at Club Gamma Charusat** — Gujarat, India
  Organized events, conducted workshops regarding Web Development. — *August 2022 - Present*

- **Community Manager at DeCodeCafe Community** — Gujarat, India
  I manage social media, organize events, communicate with the community for feedback. — *January 2023 - Present*

- **Graphics Designer at GDSC WOW Gujarat** — Gujarat, India
  My team crafted designs for the Ticket, and overall presentation. — *February 2023 - April 2023*