NISHKA SHRIMALI

An adaptable Software Engineer with a knack for crafting scalable solutions and fine-tuning performance, constantly exploring new ideas to drive meaningful results across diverse challenges.

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Github | LinkedIn | Portfolio | Codolio

EXPERIENCE

FUTURE BYTE INNOVATIONS - Frontend Intern : 🔗   Nov 2024 - Feb 2024
- Developed a Lead Management CRM with NextJS, NodeJS, MongoDB, and Google Maps API for real-time lead tracking.
- Built a Proposal Editor for contract creation and **3D solar design visualization, enhancing UX.**
- Implemented role-based access control for secure data and **optimized UI performance by 40% with lazy loading.**
- Improved data retrieval speed by **30% using indexed queries and optimized API responses for seamless performance.**

CODEPULSE LLP - SDE Intern : 🔗   Aug 2024 - Oct 2024
- Worked on an E-Learning app using MongoDB, Express.js, Next.js, and Node.js, improving accessibility and user engagement.
- Built course management, authentication, and interactive quiz modules, **improving learning efficiency by 35%.**
- Optimized API performance and database queries, **reducing load times by 25% for a seamless experience.**
- Used Git and GitHub for version control, ensuring 100% version accuracy and smooth team collaboration.

SKEPSI.AI - SDE Intern : 🔗   Jun 2024 - Aug 2024
- Built a Hotel Management Dashboard using ReactJS, JavaScript, MongoDB, and NodeJS for seamless property management.
- Created guest check-in, stay adjustment, **and Night Audit sections, streamlining room tracking and management.**
- Implemented role-based access control, ensuring secure and efficient staff operations across all modules.
- Improved **UI performance by 40% and reduced guest check-in processing time by 35%** through optimized workflows.

PROJECTS

Resource Sharing Platform: 🔗 🐙   Jun 2024 - Jul 2024
- Developed a Resource Station with public sharing and secured private storage for notes, links, tasks, and deadlines using **React, Redux, and Firebase.**
- Integrated **AI Chatbot (Rogue Rose 103B v0.2)** and Canva Whiteboard for interactive assistance and collaboration.
- Ensured real-time performance, authentication, and data management with **Firebase Firestore, Firebase Auth, and Redux.**

AI-Powered Mock Interview Platform: 🔗 🐙   Feb 2025 - Mar 2025
- Built an **AI-powered** interview platform using **MERN Stack**, where **Rogue Rose 103B v0.2** generates job-specific questions, conducts mock interviews, and evaluates responses.
- Integrated **speech-to-text analysis**, AI-driven coding challenges with hints, and structured feedback for better preparation.
- Added **performance tracking**, personalized skill recommendations, and a leaderboard to enhance user improvement.

SKILLS

Languages : JavaScript,TypeScript, C/C++, HTML/CSS, Java, Python, SQL.
Frameworks : ReactJS, NodeJS, NextJS, ExpressJS, Bootstrap, TailwindCSS, JQuery.
Developer Tools : Git, VS Code, PyCharm, REST API, GraphQL, Azure DevOps, AWS, Github, GCP.
Databases : Firebase, MongoDB, PostgreSQL.
CS Fundamentals : Operating System, Computer Networks, DBMS, Digital Electronics, OOPs.
Soft Skills : Creative Problem Solving, Adaptability, Emotional Intelligence.

EDUCATION

MCKV Institute of Engineering   Sep 2021 - Jun 2025
Bachelor of Technology - *Computer Science and Engineering*   CGPA : 9.6

The Bhawanipur Gujarati Education Society School   May 2021
Higher Secondary - Science   93.1%

ACHIEVEMENTS

- **Hackfest'23 Finalist :**
  A 36-hour offline hackathon by IIT ISM Dhanbad.
- **2nd Runner-up, HackONova :**
  A 24-hour offline hackathon by Adamas University.
- **1100+ DSA Problem Solved :**
  Solved 1100+ problems over multiple platforms.
- **Winner, Intra College Hackathon :**
  Code4Web : Web development hackathon by MCKVIE.
- **Winner, Intra College Hackathon :**
  Fronthack : A front-end hackathon by MCKVIE.

CERTIFICATIONS

- **Responsive Web Design - 300 Hours :**
  By freecodecamp.org
- **Problem Solving : Intermediate :**
  By HackerRank
- **Frontend Developer (React) :**
  By HackerRank
- **Namaste DEV React JS - 8 Weeks :**
  By NamasteDev
- **Full Stack Web Dev MERN Stack - 12 Weeks :**
  By Unstop

LANGUAGES

- **English**
- **Hindi**
- **Gujarati**
- **Bengali**