

# Ansh Shah

+91 8928797765 • anshshah2303@gmail.com • LinkedIn/anshshah23 • GitHub/anshshah23 • anshshah.vercel.app

## EDUCATION

D.J. Sanghvi College of Engineering - BTech in Computer Engineering  
Alpha Junior College of Science and Commerce  
St. John's Universal School

CGPA 8.73 | 2022 - Present  
84.17% | 2021 - 2022  
96.67% | 2019 - 2020

## WORK EXPERIENCE

**Full Stack Django Developer** | *Brainvire Infotech*

Jun 2024 - Aug 2024

- Developed and optimized UI/UX for industry-level projects including **GemFind** and **Child Support@Georgia**.
- Contributed to all stages of full-stack development, from design to deployment.

**Machine Learning** | *Investacc Insurance Brokers Pvt. Ltd.*

May 2025 – Aug 2025

- Engineered **risk scoring models** using **XGBoost** and **neural networks**.
- Designed end-to-end **ML pipelines** for **risk classification** and evaluation.

**Full Stack Web Developer** | *Board Gameiac*

Jul 2025 - Present

- Developed a robust booking platform using **PostgreSQL** - **Node.js** based back-end.
- Created an interactive front-end using **React.js** and heirarchy-based views for different levels of admins.

## PROJECTS

**NOTENG** | *React.js, Django, Tailwind CSS*

[View](#)

- Designed a study material sharing platform aimed at simplifying knowledge exchange among students.
- Developed a responsive and visually appealing UI using **Tailwind CSS**, ensuring a seamless user experience.
- Built a **Django** backend with **RESTful APIs** to handle authentication, file management, and secure data storage.

**PrepNudge** | *Next.js, MongoDB*

[View](#)

- Created an AI-enhanced interview preparation platform, enabled to input interview experiences, display them in an interactive manner, and chat with successful candidates. Implemented interactive chat rooms connecting users preparing for similar domains.
- Added features such as excel file reading, automailers, and AI-generated personalized quizzes.
- Implemented **MongoDB** to manage and scale a large data set of interview questions and user performance metrics.

**CogniVista** | *Next.js, Canvas API, Fabric.js*

[View](#)

- Designed and developed a smart education platform that integrates an interactive smart board for seamless real-time collaboration.
- Engineered advanced drawing and annotation tools using the **Canvas API** and **Fabric.js**, enhancing engagement in digital learning and using **Websockets** for real time updates. Used **Gemini-API** to generate quizzes for learning.
- Designed an intuitive, AI-enabled learning experience with a focus on usability, interactivity, and efficiency.

**Nadi Pariksha** | *Signal Processing, Web Development, Machine Learning*

[View](#)

- Developed a digital pulse analysis tool using **Arduino** inspired by the ancient practice of **Nadi Pariksha** for health assessment.
- Applied **signal processing** techniques to analyze pulse signals and extract relevant features. Experimented with three distinct ML approaches to identify the most accurate predictive model.
- Integrated **Machine Learning** models to assist in diagnosis of nadi based on pulse waveforms, with Huggingface based AI Chatbot.

**Surety Underwriting Model** | *XGBoost, Neural Networks, Data Modeling*

- Developed a predictive underwriting model for Surety using **XGBoost** and **Neural Networks** to assess risk and assign scores.
- Engineered features from **large-scale financial** and behavioral datasets to optimize model performance.
- Achieved an **92% accuracy rate** while maintaining scalability to handle high-volume data efficiently.
- Enhanced decision-making by providing risk scores that align with underwriting criteria and regulatory compliance.

## SKILLS

**Machine Learning & Data Analysis:** NumPy, Seaborn, Matplotlib, NLP

**Core Languages:** Java, Python, JavaScript

**Web Development:** React.js, Next.js, Node.js, Tailwind CSS, Firebase, Vercel, Netlify, MySQL, MongoDB, Django, ClerkJs, Canvas/FabricJs

## ACHIEVEMENTS

**Winner, TSEC Minithon (2023)** Developed the frontend for **NeoTravels**, a travel-based application, showcasing innovative UI/UX design and seamless navigation.

**NASA's International CanSat Competition (2023)** Represented **Team DJS Arya** at NASA's International CanSat Competition (2023).

## CO-CURRICULAR ACTIVITIES

**DJS NSS: Social Service** - Led initiatives focused on community service, environmental cleanup, and public awareness campaigns.

**DJS E-Cell: VCP Technical** – Managed website development and outsourced projects, helping startups bootstrap their tech journey.

**DJSCE eXpress: Editorial Head** - Organised various oration events,