Kunal Passan

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SKILLS

Typescript, Javascript, Java, C, NextJs, ReactJs, Tailwind css, CSS3, HTML5, SCSS, Styled Components, NodeJs, python, MongoDB, REST API, Clean Code, Jest, React Testing Library

EDUCATIONAL BACKGROUND

Shiv Nadar University, Delhi NCR   **Aug 2022 - Aug 2026**

Bachelor of Technology in Computer Science and Engineering

CGPA - 7.4

Ramjas School, Pusa Road   **2021 - 2022**

Percentage - **92%**

Ramjas School, Pusa Road   **2019 - 2020**

Percentage - **95%**

CERTIFICATIONS

- Front-End Web development - (Meta Certification, Coursera)
- Artificial Intelligence with Machine Learning - IIT Roorkee
- Understanding Basics of React - Association of Computer Machinary (ACM)
- Responsive Web Developer - FreeCodeCamp
- Supervised Machine Learning: Regression and Classification - Stanford (Coursera)

LIVE PROJECTS

PharmLink+   **Nextjs | MongoDB | Expressjs | Solidity | Infura**

- Developed a blockchain-based system to enhance security and transparency in medical prescription management, addressing the critical issue of prescription fraud in healthcare.

Sentiment Analysis   **Python | Selenium | Twitter API | Scipy | PowerBI**

- Developed and refined a Python-based sentiment analysis algorithm using machine learning to accurately categorize Twitter sentiments about the G20 Summit in real-time.

Sales Forecast   **Python | Machine Learning | Numpy | Pandas | Scikit - Learn**

- Implemented Linear Regression to accurately forecast sales using a dataset of 900,000 data points, enhancing inventory management and marketing strategies.

Handsign-Recognition   **Python | OpenCV | Scikit-Learn**

- Developed a hand sign recognition system using Python, leveraging machine learning capabilities with OpenCV and scikit-learn to accurately interpret gestures in real-time.

BuzzJob   **Nextjs | MongoDB | FireBase**

- Developed a Job portal system using Next.js and SQL, designed to streamline the job search process for both job seekers and employers.

INTERNSHIP EXPERIENCE

Front End Web Developer, Shadow Infotech Pvt. Ltd.   **May 2023 - July 2023**

- Designed and implemented 5+ responsive web interfaces using HTML5, CSS3, and JavaScript, ensuring 100% compatibility across 10+ browsers and devices.
- Developed 20+ dynamic, interactive elements for web applications using ReactJS, leading to a 30% increase in user engagement and a 25% improvement in functionality.
- Collaborated with a team of 5 UX/UI designers to translate visual concepts into functional online experiences, resulting in a 40% reduction in development time and a 20% boost in user satisfaction.