# Mudit Bhatt

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## CAREER OBJECTIVE

I aim to grow as a developer by using my skills in the MERN stack, ASP.NET, iOS, Android Applications and Machine Learning algorithms. I enjoy building new projects and technologies that help people in their daily lives, using my knowledge to create practical and effective solutions.

## PROFESSIONAL EXPERIENCE

**Darshan University (Teaching Assistant)**                    **June 2024-Continuity**

Currently working as a Teaching Assistant in the B.TECH(5th SEM) at Darshan University, assisting with the Computer Networks (CN) subject. Previously taught PHP to MCA,BCA,B.SC-IT and Diploma students, with a focus on web development using PHP, Laravel, and WordPress.

## QUALIFICATIONS

| Degree | Institution & Location | Details |
|---|---|---|
| B.Tech (CSE) | Darshan University, Rajkot, Gujarat, 363650 | Pursuing |
| Diploma in CSE (2020-2023) | Kalyan Polytechnic, Jamnagar, Gujarat, 361120 | CGPA: 8.89 |
| 10th (SSC) | St. Ann's School, Vadinar, Gujarat, 361010 | 50% |

## TECHNICAL SKILLS

**Frameworks & Libraries:** MERN & MEAN Stacks, Next.js, ASP.NET, Flutter

**Languages:** Java, Python, JavaScript, C, C++

**Databases:** MySQL, MongoDB, SQL Server

**Web Development:** RESTful APIs, Full-stack & SSR (Next.js)

**Machine Learning:** Supervised/Unsupervised models, data preprocessing

**DSA:** Greedy, Divide & Conquer, DP, Graph algorithms.

## PROJECTS

LSRW (Listening,Speaking, Reading, Writing)                    May 2023
- Designed an interactive frontend using React + TypeScript for smooth user interaction, and built a real-time backend using ASP.NET to manage operations efficiently.
- Added features like paragraph reading, voice recording, and exam-based modules to enhance user engagement and practice.
- Enabled text-to-speech and speech-to-text functionalities to support all four core language skills: listening, speaking, reading, and writing.

**Mobile phones store** <span style="float:right">January 2024</span>

- ➢ Built a mobile phone store website using **React**, **Node.js**, and **Express.js** with a responsive and user-friendly interface.
- ➢ Implemented features to **browse phones by brand**, **search**, **filter**, and view the **top 10 phones** based on ratings or popularity.
- ➢ Integrated backend APIs to manage product data and ensure smooth user interaction.

**X(twitter) Clone** <span style="float:right">April 2024</span>

- ➢ Developed a **Flutter-based clone of X (formerly Twitter)** with a clean, responsive UI for a smooth user experience.
- ➢ Implemented core features such as **user authentication**, **real-time tweets**, **likes**, **comments**, and **profile management**.
- ➢ Ensured **real-time updates** and seamless navigation to deliver an engaging and interactive social media experience.

**Smart Power Grid Health Predictor**

- ➢ Developed a Smart Power Grid Health Predictor using machine learning algorithms to analyze historical power grid performance data.
- ➢ Implemented core features such as fault prediction, anomaly detection, and condition-based health analysis of grid components.
- ➢ Enhanced decision-making and maintenance planning by providing accurate insights into grid reliability and potential risk areas.

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**Certifications & Achievements**

- ➢ Certified in **DevOps Fundamentals** by *The Digital Adda*, covering CI/CD pipelines, version control, and automation tools; and in **Cybersecurity** by *LearnTube.ai*, focusing on ethical hacking, network security, and secure coding practices.

- ➢ Gained hands-on experience in **Machine Learning and Artificial Intelligence** through internships at *Cognifyz* and *CodSoft*, where I worked on real-world datasets and built predictive models using supervised and unsupervised learning techniques.

- ➢ Participated in national-level tech events like the **API Challenge** at *Marwadi University*, and the **Code-A-Thon** at *Darshan University*, applying problem-solving and coding skills in time-bound environments.

- ➢ Showcased skills in **SEO strategies and programming challenges** during inter-college competitions at *JVIMS JEFE*, sharpening both analytical thinking and web optimization techniques.

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## INTERESTS

Passionate about **Cybersecurity** and **MERN stack development**, with a strong interest in securing web applications and exploring **ethical hacking** techniques. I enjoy building **scalable and efficient full-stack applications** using MongoDB, Express.js, React.js, and Node.js. Continuously learning about **advanced development**, **network security**, and best practices to improve both performance and protection of software systems.