

Shubham Lakhani

COMPUTER ENGINEERING UNDERGRADUATE

CAREER OBJECTIVE

Adaptable and detail-oriented Computer Engineering undergraduate skilled in problem-solving, data analysis, and optimization. Looking to apply technical expertise and a continuous learning mindset in a challenging entry-level role.

EDUCATION

B.Tech in Computer Science and Engineering
Pandit Deendayal Energy University | 2022 – 2026

Tenth Grade (2020) – Amarchand Singhvi International School, Gandhidham
Twelfth Grade (2022) – Puna International School, Ahmedabad

ACADEMIC PROJECTS

- **InternPortal - Internship Management Platform**

Full-stack web application to streamline internship processes for students, companies, and institutions by automating tasks and reducing manual intervention. Technologies: React.js, Node.js, Express.js, MongoDB, Docker, Google Cloud Platform
Improved efficiency in internship coordination, reducing processing time by over 40%.

- **Fake News Detection System**

Built a machine learning model to classify news articles as real or fake using text processing and pattern recognition. Technologies: Python, Scikit-learn, Pandas, NumPy, ML Models (Logistic Regression, Random Forest)
Achieved 94% accuracy on test data after comparative model evaluation.

- **React Chess Game**

Developed an interactive, browser-based chess game with a clean UI, enabling two-player gameplay with real-time move validation and rules enforcement. Technologies: React.js, Node.js, HTML5, CSS
Enhanced user engagement through intuitive design and smooth gameplay; demonstrated proficiency in front-end development and state management.

INTERNSHIPS

- **SEO Intern | Cannibals Media Limited | May 2025 – June 2025**

- Conducted keyword research and competitor analysis to improve website search visibility.
- Optimized website content, meta tags, and page structure for on-page SEO improvements.

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LOCATION: GANDHIDHAM, GUJARAT | GITHUB: GITHUB.COM/WCKD-WEAKY

- Monitored and analyzed site performance using Google Analytics and Google Search Console.
- Developed skills in SEO strategy implementation, digital marketing tools, and performance reporting.

- **Astronomy & Astrophysics Intern | India Space Academy | June 2025 - July 2025**

- Conducted research in data-driven astronomy using SDSS spectroscopic data.
- Estimated the dynamical mass of a galaxy cluster by analyzing velocity dispersion and spatial extent, comparing with luminous mass to explore dark matter presence.
- Performed supernova cosmology analysis using Type Ia supernovae data to estimate the Hubble constant and study universe expansion.
- Gained practical skills in astrophysics data analysis, scientific research, and statistical modeling.

TECHNICAL SKILLS

Programming Languages: C, Java, Python

Frameworks & Libraries: Scikit-learn, Pandas, NumPy, Matplotlib

Databases: MySQL

Tools & Platforms: Git, Google Analytics, Google Search Console, Cloud Platforms (basic), SDSS data tools

Specialized Skills: Machine Learning Model Development, Data Analysis, Statistical Modeling, Astrophysics Data Processing, SEO Optimization

CERTIFICATIONS

B2B Marketing - NPTEL, 2023

Introduction to Google SEO - University of California, Davis (Coursera), May 2025