

Shubham Lakhani

COMPUTER ENGINEERING UNDERGRADUATE

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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.

EXPERIENCE

India Space Academy - Astronomy & Astrophysics Intern

06/2025 - 07/2025

- Conducted research in data-driven astronomy using SDSS spectroscopic data, estimating galaxy cluster mass and investigating dark matter through velocity and luminosity analysis.
- Performed supernova cosmology studies with Type Ia data to estimate the Hubble constant and gained hands-on experience in astrophysics data analysis and statistical modeling.

Cannibals Media Limited - SEO Intern

05/2025 - 06/2025

- Conducted keyword research and analysis, optimizing website content to enhance organic search visibility and performance.
- Developed an understanding of **Google Analytics** and other analytics tools to track website performance metrics effectively.

ACADEMIC PROJECTS

AI-Powered Notes Application | Full-Stack Personal Project

- Developed an AI-integrated notes app with real-time summarization, keyword extraction, and grammar correction using Hugging Face API. Implemented AES encryption, responsive UI, and deployed via Vercel Serverless Functions.
- Tech Stack: React.js, TypeScript, Vercel, Hugging Face API, Tailwind CSS

InternPortal - Internship Management Platform | Full-Stack Academic Project

- Built a MERN stack platform to automate internship workflows for students and companies, reducing manual effort by 40%. Deployed with Docker on GCP for scalability and secure access.

Fake News Detection System | Machine Learning Academic Project

- Developed an ML model using NLP and Scikit-learn to classify news articles, achieving 94% accuracy. Compared multiple algorithms for optimal performance.
- Tech Stack: Python, Scikit-learn, Pandas, NumPy, Logistic Regression, Random Forest

GITHUB AND PORTFOLIO

- <https://github.com/wckd-weaky>
- <https://wckd-weaky.github.io/>

CERTIFICATIONS

B2B Marketing - NPTEL, 2023

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

EDUCATION

Pandit Deendayal Energy University
Gandhinagar

B.Tech: Computer Science and Engineering

INTERESTS

FIDE-rated chess player and avid reader of fiction novels.

SKILLS

- C and Java programming
- Python and data analysis
- Machine learning frameworks
- Data visualization tools
- Database management systems
- Version control with Git
- Web analytics tools
- Cloud computing basics
- Statistical modeling techniques
- Performance Metrics Tracking