

# Parth Patel

Full-Stack Developer | AI/ML Engineer

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## PROFESSIONAL SUMMARY

MCA graduate specializing in Machine Learning, with hands-on experience building AI-powered web applications end-to-end — from NLP-based backends and REST APIs to React front ends. Proficient in Python, Flask, FastAPI, and data-visualization tools including Power BI and Tableau. Looking to bring strong analytical thinking and full-stack execution to an AI/ML or software development role.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML, CSS, SQL, NoSQL

**Frameworks & Libraries:** React.js, Flask, FastAPI, Bootstrap, Tailwind CSS

**Data & Machine Learning:** Pandas, NumPy, SciPy, Matplotlib, Seaborn, spaCy, NLTK, Power BI, Tableau

**Tools & Platforms:** MongoDB, Git/GitHub, JWT, VS Code, PyCharm, Jupyter Notebook, Google Colab

## PROJECTS

### Smart Resume Analyzer & Job Recommendation System

Python · Flask · React.js · MongoDB · spaCy · NLTK · JWT · Tailwind CSS · Recharts · pdfplumber · PyMuPDF

- Built an AI-powered resume analysis platform with a React dashboard and Flask REST API, including PDF parsing and NLP-based skill detection.
- Designed a 6-section weighted ATS scoring engine (0–100) and a job-recommendation engine matching 12+ roles, plus an admin analytics panel.
- Automatically detects 65+ distinct skills from parsed resumes.

GitHub: [github.com/PARTH0777-O/resume-checker](https://github.com/PARTH0777-O/resume-checker)

### UniGuj AI — AI-Powered University Discovery Platform

Python · FastAPI · React.js · MongoDB · Gemini AI · Tailwind CSS

- Built a full-stack platform helping students discover, compare, and choose universities in Gujarat — covering fees, placements, scholarships, and admissions.
- Integrated an AI chatbot (Gemini AI) for career guidance and scholarship matching, with advanced search/filter and placement-analytics dashboards.

GitHub: [github.com/PARTH0777-O/UniGuj-AI-AI-Powered-University-Discovery-Platform-](https://github.com/PARTH0777-O/UniGuj-AI-AI-Powered-University-Discovery-Platform-)

## WORK EXPERIENCE

### Web Developer — Intern, Stark Technologies

Jan 2026 – Apr 2026

Ahmedabad, India

- Contributed to scalable web applications using Python, HTML, CSS, Bootstrap, and JavaScript across front end and back end.
- Gained hands-on experience in database management, responsive UI design, and building efficient, user-friendly solutions.

## EDUCATION

### Master of Computer Applications (MCA)

Jun 2024 – Apr 2026

Indus University, Ahmedabad, India — Specialization in Machine Learning

### Bachelor of Computer Applications (BCA)

Jun 2021 – Apr 2024

KSV University, Ahmedabad, India

## CERTIFICATIONS

- Big Data Analytics — Indus University
- Data Analytics Job Simulation — Deloitte (via Forage)
- AI Fundamentals: Foundations for Understanding AI — IBM
- Building with the Claude API — Anthropic Academy

## CORE STRENGTHS

Analytical Thinking · Communication · Team Work · Critical Thinking