

1. ATS-Ready LaTeX Resume Template

Filename: ATS_Resume_Template.zip

Contents:

1. Template File: resume_template.tex
2. Sample PDF: resume_sample.pdf
3. Validation Script: check_ats_compliance.py
4. README.md (Instructions)

resume_template.tex

latex Copy

```
\documentclass[11pt]{article}
\usepackage[utf8]{inputenc}
\usepackage{helvet}
\renewcommand{\familydefault}{\sfdefault}
\usepackage[margin=0.75in]{geometry}

\begin{document}

%-----HEADING-----
\begin{center}
{\LARGE \textbf{John Doe}} \\
\vspace{2pt}
\small \href{mailto:john@example.com}{john@example.com} | +1-555-555-5555 | \href{https://linkedin.com/in/johndoe}{LinkedIn} \\
\end{center}

%-----EXPERIENCE-----
\section*{Experience}
\subsection*{Senior DevOps Engineer | Tech Corp \hfill 2020--Present}
\begin{itemize}
\item Automated CI/CD pipelines using Jenkins and Docker, reducing deployment time by 40\%.
\item Managed AWS infrastructure (EC2, S3, Lambda) for 10+ microservices.
\end{itemize}

%-----SKILLS-----
\section*{Technical Skills}
\begin{itemize}
\item \textbf{Languages}: Python, Java, Bash
\item \textbf{Tools}: AWS, Docker, Kubernetes, Terraform
\end{itemize}

%-----EDUCATION-----
\section*{Education}
\subsection*{MS in Computer Science | Stanford University \hfill 2018--2020}

\end{document}
```

check_ats_compliance.py

python Copy

```
from pdfminer.high_level import extract_text
import re

def check_ats_compliance(pdf_path):
    text = extract_text(pdf_path).lower()
    required_sections = ["experience", "skills", "education"]
    missing = [section for section in required_sections if section not in text]
    keywords = ["python", "aws", "docker", "kubernetes", "ci/cd"]
    found_keywords = [kw for kw in keywords if re.search(rf'\b{kw}\b', text)]

    print("ATS Compliance Report:")
    if not missing:
        print("✅ All critical sections present.")
    else:
        print(f"⚠️ Missing sections: {' '.join(missing)}")
    print(f"✅ Keywords detected: {' '.join(found_keywords)}")

if __name__ == "__main__":
    check_ats_compliance("resume.pdf")
```

