

ATCHUT REDDY

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PROFESSIONAL SUMMARY

Experienced Full Stack Developer specializing in Python and Django with a strong focus on building scalable web applications and integrating machine learning models via Django REST APIs. Demonstrated expertise in automation using RPA tools, backend API development, and modern front-end technologies. Proven track record of improving business processes and delivering innovative technology solutions.

KEY SKILLS

- **Programming Languages:** Python, Java, C#, SQL
- **Web Technologies:** HTML5, CSS3, JavaScript (React.js, Angular), Bootstrap
- **Backend Frameworks:** Django, Flask, Node.js, Express.js
- **Databases:** PostgreSQL, MySQL, MongoDB, SQLite
- **RPA Tools:** UiPath, Blue Prism, Automation Anywhere
- **Machine Learning:** TensorFlow, Keras, Scikit-learn, Pandas, OpenCV, Yolo
- **Cloud & DevOps:** AWS, Docker, Kubernetes
- **Version Control:** Git, GitHub
- **APIs:** RESTful APIs, Stripe API, OAuth, JWT

PROFESSIONAL EXPERIENCE

RPA Developer

Bank of Maharashtra – Mumbai, India | June 2023 - Jan 2024

- Automated data extraction processes using UiPath, reducing processing time by 40% and increasing accuracy.
- Developed customized automation scripts in JavaScript and Python, leading to a 30% improvement in workflow efficiency.
- Successfully implemented RPA solutions across critical banking operations, streamlining processes and reducing manual effort.

Full Stack Developer

It Vedant Education Pvt Ltd. – Bengaluru, India | April 2022 - May 2023

- Led the development of full-stack web applications using Django and React.js, enhancing user engagement by 25%.

- Implemented JWT-based secure authentication, improving application security and reducing vulnerabilities by 20%.
- Built and maintained RESTful APIs, improving performance and reducing data retrieval times by 15%.

PROJECTS

Signature Verification System with Django REST API

- Developed a machine learning-based signature verification system, integrating a TensorFlow model with a Django REST API for real-time verification.
- Created endpoints for submitting signature images, processing them with a CNN model, and returning verification results with 95% accuracy.
- Deployed the system using Docker and AWS for scalable, cloud-based usage.
- **Technologies:** Django REST Framework, TensorFlow, CNN, Docker, AWS, Python

Image Classification with Django REST API

- Designed an image classification web service using a Django REST API and deep learning models to categorize images of birds and bottles.
- Exposed API endpoints for uploading images, processing them through a Keras model, and returning classifications with over 90% accuracy.
- Optimized the service for low latency and scalability using Docker and deployed it on AWS.
- **Technologies:** Django REST Framework, Keras, TensorFlow, Docker, AWS, Python

EDUCATION

Bachelor of Technology (B. Tech) | Raghu Engineering College, JNTUK | 2016 - 2020

- **GPA:** 60%

CERTIFICATIONS

- Full Stack Web Designing Certification
- Python Programming (Advanced)
- IBM Machine Learning Certification
- UiPath RPA Developer Advanced Certification
- Blue Prism RPA Developer Certification