

ARUN P

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SUMMARY

Python Developer with experience in building scalable applications using Django Proficient in REST API development, PostgreSQL, and writing clean, efficient code. Strong problem-solving skills with a focus on performance optimization.

WORK EXPERIENCE

T-Machine Software Solutions Pvt Ltd

January 2024 - At Present

- Assist in developing web applications using Python and Django.
- Write and test simple scripts and APIs for data processing.
- Work with databases like PostgreSQL for basic queries.
- Debug and fix minor issues under guidance.
- Collaborate with the team and learn version control (Git) and best coding practices.

PROJECTS

T-Machine.AI – AI-Powered Educational Platform

- Developed backend logic in Python for intelligent decision-making in assessments.
- Built and maintained analytics dashboards in React.js, displaying user performance metrics like honesty, patience, punctuality, and detailed study activity.
- Designed data pipelines to generate visualizations such as bar graphs for login frequency, task completion, number of attempts, and time spent on learning.
- Collaborated within a multi-tier architecture (React frontend → Java backend → Python backend) to ensure smooth data flow and feature delivery.
- Contributed to personalized learning by providing insights and data-driven feedback based on user activity and assessment performance.

SKILLS

- React.js
- REST API Development
- Git and GitHub
- Django
- PostgreSQL

EDUCATION

Bachelor of Computer Science Engineering

August 2019- June 2023

- Shanmuganathan Engineering College
- CGPA: 7.57

CERTIFICATION

Project on Emerging Methods for Early Detection of Forest Fires

February 2023

- Completed and received a passing grade in PRAI10EN, provided by ICT Academy.
- Noted by Jagadisha Bhat, Country Manager - Software Services, IBM India Pvt Ltd.

LANGUAGE

- English
- Tamil