POLIPALLI RAJESH

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Profile Summary

- Energetic and detail-oriented Full Stack Developer and Frontend Engineer with hands-on experience in building scalable web applications using Python, Django, JavaScript, HTML/CSS, and modern frameworks. Proven ability to improve performance, deliver client-focused solutions, and contribute in fast-paced Agile teams. Passionate about developing real-time systems and contributing to meaningful projects.

Work Experience

Plasmid Technologies   April 2024 – June 2024
Frontend Developer Intern   *Bengaluru, Karnataka.*

- Developed responsive and user-friendly web interfaces based on client requirements, enhancing satisfaction and engagement.
- Optimized performance, reducing page load time by 30(↓), and contributed to Agile-driven iterative improvements.
- Improved team efficiency by contributing to documentation and innovating UI solutions for high-priority projects.
- Delivered a client project ahead of schedule and reduced bug reports reduced by 40(↓) through proactive debugging.

Innovative Pvt Ltd   July 2024 – Oct 2024
Full Stack Developer Intern   *Chennai, TamilNadu*

- Streamlined Moto Maintenance Hub by developing a web application, improving data handling for tracking vehicle details, maintenance schedules, and usage history increased by 30(↑) efficiency.
- Enhanced backend performance using Django ORM, achieving increased by 40(↑) faster database operations with robust database management and reusable templates.
- Optimized storage and retrieval of vehicle records and maintenance logs by leveraging SQLite, ensuring increased by 20(↑) improvement in data processing accuracy. .
- Boosted user engagement with a responsive UI designed using HTML/CSS and interactive JavaScript elements, improving usability and interface responsiveness improved by 25(↑). .

Projects

Hacker Earth Plagiarism Checker | *Python, Django, Google Cloud Console, MySQL, Frontend Tools, Github.* **Oct 2024**

- Designed and implemented a code plagiarism detection system using Python, Django, and MySQL, enabling efficient monitoring of student submissions through automated web scraping and data analysis.
- Deployed the application on Google Cloud Platform with GitHub integration, ensuring scalability, version control, and real-time detection accuracy using customized text similarity algorithms.   (Project link)

LLM-Based ATS Resume Tracker | *Google Gemini Pro API, Python 3.10, Streamlit, dotenv, GitHub.*   **Mar 2025**

- Built an AI-driven ATS resume screening tool using Google Gemini Pro API and Streamlit to evaluate resumes against job descriptions, highlighting missing keywords and improving candidate-job alignment.
- Streamlined recruitment by automating resume parsing and scoring, reducing manual effort and increasing hiring efficiency for HR professionals and companies.   (Project link)

Technical Skills

Languages/Technologies:: C++, Python, JavaScript, SQL, HTML, CSS.
Data Bases : MYSQL, SQLite, MongoDB.
Embedded Technologies: Microcontrollers, Processors, Sensors, Matlab.
Developer Tools: VS Code, Anaconda, Google Colab, Git, GitHub.
Frameworks/Libraries: Django, ReactJS, Bootstrap, Pandas, NumPy, Matplotlib.
Soft Skills : Collaboration, communication, leadership, adaptability, problem-solving, teamwork, Communication, leadership.

Education

Bharath University   Sep. 2022 – Expected in 2026
Bachelor of Technology in Electronics and Communication Engineering - CGPA: 8.01   *Chennai, TamilNadu.*

Aditya Junior College   June. 2020 – Mar 2022
Intermediate Secondary Education in MPC - CGPA : 50.0   *Rajahumdry, AP.*

Aditya English Medium School   July. 2014– March 2019
School of Secondary Education - CGPA : 84.5   *Kadiyam, AP.*

Extracurricular / Certifications

- **IBM**: Expertise in object-oriented programming, data handling, multithreading, and advanced Python frameworks for efficient software development. (View Credentials)
- **ISRO**: Trained in AI/ML for space technology and predictive modeling with real-world applications.   (View Credentials)
- **Walmart Global Tech**: Mastered scalable architecture, microservices, cloud deployment for reliable, high-performance software. (View Credentials)
- **Cisco**: Proficient in IoT architecture, real-time data processing, and edge computing for smart systems and automation. (View Credentials)
- I Secured 1st prize in a national technical seminar conducted in collaboration with ISRO, presented on the Satellite Navigation System.
- I Won 1st place in a national level Hackathon, developing an innovative solution for real-world challenges from industries, government, or society, so describe the issue's significance to enhancing public safety.