DHARMA SURYA R

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SUMMARY

A passionate Backend Developer with a strong foundation in building scalable, secure, and high-performance web applications. Currently working as an **SDE-1** at **Turiyatree Technologies**, I have hands-on experience in developing robust backend systems using **Python, Flask, MySQL, and Frappe**. Proficient in REST API development, data modeling, and database optimization, I thrive on curiosity, innovation, and delivering impactful tech solutions that solve real-world problems.

EDUCATION

Master Of Computer Application   *July 2022 – May 2024*

Vellore Institute of Technology | ***CGPA: 8.7***
Katpadi, Vellore.

B.Sc. Computer Science   *July 2019 – May 2022*

PSG College of Arts & Science | ***CGPA: 7.7***
Avinashi Road, Civil Aerodrome Post, Coimbatore.

SKILLS

Programming Languages: Python, R, PHP
Frameworks: Flask, Frappe, Fast API, Beginner – Django
Tools: VB.NET, Hadoop, Git
Other Skills: API Automation Testing, Payment Gateway Integration

EXPERIENCE

Backend Developer (SDE-1) *– Full-time | Former Intern*   *July 2024 – Present*
***Turiyatree Technologies**, Chennai, Tamil Nadu.*

TURIYASKILLS: *AI-BASED REPORT BUILDER*

- Implemented an **AI-POWERED CUSTOM & DYNAMIC REPORT** generation tool, enabling users to generate textual and visual report templates through natural language prompts.
- Integrated text & image content generation, enhancing efficiency and providing a highly personalized user experience.
- Streamlined the **REPORT CREATION PROCESS**, allowing for faster outputs with flexible customization and minimal manual effort.
- Integrated **SLACK NOTIFICATIONS** for payment reports and server logs, **REDUCING MANUAL MONITORING BY 80%**.

TURIYASKILLS: *AI-DRIVEN ASSESSMENT CREATION*

- Developed an **ENTERPRISE-READY**, **AI-DRIVEN ASSESSMENT PLATFORM**, enabling organizations to create and manage customized skill-based tests.
- Engineered **RAZORPAY ONE-TIME PAYMENT** and **SUBSCRIPTION SYSTEMS**, facilitating AI and response credit purchases.
- Integrated **GOOGLE DOCS** for storing user responses, improving **DATA RETRIEVAL** speed by **40%**.
- Designed and executed **DATA MIGRATION SCRIPTS** using **PYTHON** and **RAW SQL**, migrating **10,000+ RECORDS** with 100% accuracy.
- Created a **SAFE EXAM BROWSER** wrapper, ensuring secure assessment environments and preventing unauthorized access.
- Enabled **AI-POWERED ASSESSMENT GENERATION** (text, image creation, secure environments), enhancing user experience and engagement.
- Optimized UX and platform performance by reducing page load time by 25% through close alignment with frontend initiatives

CENTRALIZED PAYMENT GATEWAY:

- Engineered a unified **PAYMENT GATEWAY** integrating **RAZORPAY**, **PHONEPE**, and **STRIPE**, enabling domestic & international transactions.
- Devised **AUTHORIZATION VERIFICATION** to ensure trusted platforms only process payments.
- Introduced flexible gateway logic, allowing providers to be selected based on region & requirements, enhancing transaction success rates.
- Processed **500+ TRANSACTIONS** via **PHONEPE**, with **99% SUCCESS RATE**.
- Automated post-payment feature assignments, granting instant access to purchased services.
- Integrated real-time transaction tracking & reporting, reducing **PAYMENT FAILURES BY 90%**.

ELEVATERESUME-AI: *RESUME PARSING & MATCHING*

- Built a **RESUME PARSING & ANALYSIS TOOL** using **FASTAPI** and **MACHINE LEARNING**, improving processing time by 60%.
- Optimized **AI-BASED RESUME MATCHING**, cutting recruitment time by 40%.
- Secured documents with **CLAMAV PDF SCANNING**, reaching 99.9% malware detection.
- Led customer feedback sessions, driving feature improvements based on user insights.

CERTIFICATIONS

- **Enhancing Soft Skills and Personality** – NPTEL, IIT Kanpur
- **Foundations: Data, Data Everywhere** – Coursera (Google)
- **Programming Fundamentals** – Coursera (Duke University)
- **Build a Full Website Using WordPress** – Coursera (Project Network)
- **Complete Python Developer in 2023: Zero to Mastery** – Udemy