SRI SATHRIYAN

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SUMMARY

Results-driven Information Technology graduate with a strong foundation in software development, 3D avatar integration, and full-stack web applications. Skilled in Java, JavaScript, Python, React.js, SQL, and UiPath (RPA) with hands-on experience in cloud computing, AI/ML, and cybersecurity. Successfully developed interactive 3D applications using ReadyPlayerMe, Mixamo, and OpenAI for real-time animations and interactions. Certified in IoT, AI, Digital Marketing, and Networking from leading organizations like Google, IBM, and Cisco. Passionate about innovation, problem-solving, and creating user-centric applications. Seeking an opportunity to apply technical expertise and creativity in a dynamic, growth-oriented environment.

PROJECTS & EXPERIENCE

Final Year Project – 3D Avatar Integration with Lip Sync

- Developed a 3D character model using ReadyPlayerMe and integrated it with Microsoft Vise for real-time lip-syncing.
- Utilized Mixamo for realistic movement and expressions.
- Built a full-stack application with React.js (frontend) and Node.js (backend).
- Features: Dynamic avatar rendering, real-time interactions, and an OpenAI-powered assistant for hands-free navigation.

Third-Year Mini Project – 3D Avatar Integration with Interactive Actions

- Created a 3D avatar model with ReadyPlayerMe and integrated it into a web application for dynamic interactions.
- Animated character actions using Mixamo for a lifelike experience.
- Built a full-stack system with React.js (frontend) and Node.js (backend).
- Features: Real-time avatar control, action-based responses, and environmental interactions.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python
- **Tools & Technologies:** Git, React.js, SQL, UiPath (RPA)
- **Operating Systems:** Linux (administration & command-line usage)
- **Networking:** Protocols, Routing, Troubleshooting

EDUCATION

Bachelor of Technology in Information Technology | JUNE 2024

- CGPA: 7.16/10
- Relevant Coursework: Operating Systems, Microprocessors & Computer Architecture, Cloud Computing, Artificial Intelligence & Machine Learning, Database Management Systems (DBMS), Software Engineering, Cybersecurity, and Web Technologies.

MAM Matric Higher Secondary School, Salem, TN   2019

- Higher Secondary Certificate (HSC)
- Percentage: 52%

G.V Higher Secondary School, Salem, TN   2017

- Secondary School Certificate (SSLC)
- Percentage: 74%

Certifications
- NPTEL (IIT Madras): Internet of Things (IoT)
- Google Digital Garage: Digital Marketing
- Google AI Essentials: AI Essentials
- Cognitive Class (IBM): Python for Data Science
- Google Crash Course (Google Developers): Crash Course on Python
- Cisco Networking Academy: Networking Essentials & Packet Tracer
- Cisco Networking Academy: Linux Essentials

Additional Information
- **Soft Skills:** Problem-Solving, Team Collaboration, Leadership, Adaptability
- **Languages:** English, Tamil
- **Interests:** AI & ML, Cybersecurity, Web Development

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.