PRITHVI SARAN SATHYASARAN

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[LinkedIn](#) | [GitHub](#)

EDUCATION

The George Washington University, School of Engineering & Applied Science **Washington, DC**
Master of Science in Computer Science **May 2026**
- **Relevant Coursework:** Design & Analysis of Algorithms, Advanced Software Paradigms, Machine Learning, Cloud Computing, Database Management Systems

Vellore Institute of Technology **Vellore, Tamil Nadu**
Bachelor of Technology in Computer Science and Engineering **May 2023**
- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Software Engineering, Database Management Systems, Computer Networks, Web Development, Mobile App Development, Artificial Intelligence

TECHNICAL SKILLS

- Programming Languages: Java | C/C++ | Dart | Python | R | JavaScript
- Web & App Technologies: Flutter | Swift | Node.js | HTML | CSS | Django | Rest API | Figma | React
- Database Systems and Version Control: SQL | MySQL | MongoDB | Firebase | AWS | Git
- Specialized Area: Mobile app development | UI/UX design | MVC | Flutter SDK | Rest API
- Other skills: Data Structures, Operating Systems, Relational Database Management, Machine Learning, Microservices

RELEVANT WORK EXPERIENCE

Limitless 360 **Coimbatore, India**
Junior App Developer **Nov 2022 - Jul 2024**
- Devised and deployed 12+ mobile apps across sectors such as hospital management, eCommerce, and food delivery, improving user experience by 25% through seamless functionality and visually compelling UIs
- Collaborated with a senior developer on end-to-end development, handling client interactions, persistently delivering projects 10% ahead of schedule and maintaining high-quality standards
- Accelerated startup growth by 30% by reducing executing time by 15%

TechCiti Technologies **Bangalore, India**
Django Intern **Jun 2022 - Aug 2022**
- Played a role in live project development using Python and Django, working alongside experienced developers to implement scalable backend solutions and streamline workflows

TECHNICAL PROJECTS

Team Lead, Pawfect – Native iOS Mobile App **Sep 2024 - Nov 2024**
- Led the development of Tinder-inspired iOS app using Swift, Xcode, enabling pet owners to connect for pet socialization through location-based matchmaking.
- Integrated Supabase, Firebase and Web Sockets to implement real-time chat features, real-time data management and secure authentication, delivering a seamless and engaging user experience.

Junior App Developer, Oxford Psych Courses - LMS Mobile App **Sep 2023 - Feb 2024**
- Managed Android and iOS platforms for a learning management system app. Executed UI/UX design and integrated backend APIs, increasing user retention by 20% through seamless navigation and animations
- Led the development of app functionality, optimizing API integrations and implementing dynamic animations, resulting in a 15% increase in user engagement and a 10% improvement in app performance

Team Member, Indexing Contents of Documents using Hybrid LDA Model **Sep 2021 - Dec 2021**
- Designed an API utilizing Python to analyze documents deploying LDA, an unsupervised topic modelling algorithm and gives most related documents ranked by similarity

Team Lead, Archiving and Management Software for a Typical Law Firm **Apr 2021 - Aug 2021**
- Created an access-controlled archive management system using the Waterfall model, ensuring reliability; developed website using HTML, CSS, JS, and PHP

LICENSURE

- **AWS Certified Cloud Practitioner,** AWS (2024) | **Credential ID:** aadfbdeb8502401093e75642731e8ac3
- **Project Management Virtual Experience**, Accenture, Forage (2023) | **Credential ID:** 38RQbeARDZz7CGPaP
- **Algorithmic Thinking**, Rice University (2020) | **Credential URL:** https://coursera.org/verify/AEDBEYTVQFUC