

Srirama V

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Education

Manipal Institute of Technology
MGM College
Christian High School

B.Tech Information Technology, CGPA: 8.53 (2022–2026)
Higher Secondary, 95% (2020–2022)
Secondary, 98.5% (2019–2020)

Technical Skills

- **Languages:** C, C++, Java, Python, SQL, HTML, CSS, JavaScript
- **Concepts:** Data Structures & Algorithms, OOP, Relational Databases
- **Tools:** Embedded Systems, Linux, Networks, Machine Learning, Figma, Canva
- **Soft Skills:** Time Management, Leadership, Adaptability, Communication, Teamwork

Projects

- **Readly**
 - Full-stack web app for book enthusiasts, built with *React.js*, *Express.js*, *Node.js*, and *MongoDB*.
 - Features include book browsing, smart search, wishlists, daily check-ins, and secure user authentication.
 - Designed a responsive UI with *Bootstrap*, integrated *ImgBB* for image hosting, and implemented Razorpay for secure payment handling.
- **Resort Management**
 - Full-stack resort service website developed using *React.js*, *Express.js*, and *PostgreSQL*.
 - Enabled room bookings, taxi rentals, and utility service orders via a clean, user-friendly interface.
 - Built RESTful APIs and responsive frontend for seamless interaction.
- **ICU Admission Predictor**
 - ML model predicting admission to the ICU for pediatric respiratory patients.
 - Implemented various ML techniques to achieve 95% accuracy.
- **Secure Text Drive**
 - Secure text storage system built with *Flask* and *PostgreSQL*, implementing *RSA encryption*, hashing, and digital signatures.
 - Allowed users to safely store and retrieve encrypted text files with integrity verification.
 - Focused on data confidentiality, authentication, and integrity using cryptographic techniques.
- **TalentLink**
 - Freelance management mobile app built with *Java (Android)*, *Firebase*, *MongoDB*, and *Flask (Python)*.
 - Key features: real-time bidding, AI-based cost estimation using ML models, live chat, and user dashboards.
 - Integrated *Firebase Realtime Database* for instant updates and *Firebase Auth* for secure login.

Experience

- **Web Developer, HmmBo Studios** May 2025 — July 2025
 - Contributed to the development of a plugin management system for a plugin-based organization .
 - Implemented a custom licensing system for plugin activation and validation.
 - Deployed the solution on AWS EC2 for scalable user access and management.
- **Machine Learning Intern, Invenjor Technologies** December 2024 — January 2025
 - Developed an ML model to predict blood donations. Integrated the model into a web app with patient appointment and test result features.
 - Implemented feature selection, model tuning, and ensemble methods to improve accuracy, increasing overall model performance to 86%.

Courses and Achievements

- **Hackathon:** Secured 4th place in Eureka Hackathon for the ML model predicting ICU admissions.
- **Patent:** Author in Indian patent: *System and Method for Predicting Respiratory Illness of Users*.
- **IBM Professional Certificate** in Machine Learning (6 Courses)