

Srirama V



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Education

Manipal Institute of Technology	B.Tech Information Technology, CGPA: 8.53 (2022–2026)
MGM College	Higher Secondary, 95% (2020–2022)
Christian High School	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.	
• Full Stack Developer Intern, Invenjor Technologies	December 2024 — January 2025
• Developed a medical management system using the MERN stack, integrating machine learning models as REST APIs to predict blood donations.	
• Designed and implemented patient appointment scheduling and test result management features, ensuring seamless interaction between frontend, backend, and ML services.	

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)