
Reyashree JS

Chennai , India

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PROFILE

Innovative Software Engineer with a strong foundation in programming and Problem-Solving. Proficient in multiple programming languages and development tools. Experienced in full-stack development, Agile methodologies and Software Testing. Proven ability to design and implement scalable, efficient and maintainable software solutions. Passionate about staying up-to-date with emerging technologies and collaborating with cross-functional teams to deliver cutting-edge products.

INTERNSHIP EXPERIENCE

Agnikul Cosmos Pvt. Ltd. , Chennai

sep 2024 - Dec 2024

Intern – React Developer

- Worked on 5+ live modules built with React (TypeScript), optimizing both UI and code performance.
- Designed and developed dashboards for 3 live modules, deployed successfully to production.
- Utilized Frappe framework, integrated Material UI components, and styled using Tailwind CSS for responsive and maintainable design.

EDUCATION

Bachelor of Technology (Computer Science Engineering)

SRM Institute of Science and Technology, Chennai

CGPA : 8.95

June 2021-April 2025

Higher Secondary Certificate (HSC)

CSI Bain School, Chennai

Percentage : 82%

June 2020-May 2021

Secondary School Certificate (SSC)

CSI Bain School, Chennai

Percentage : 77%

June 2018-May 2019

TECHNICAL SKILLS

- **Hard Skills** : Python, JavaScript, React.js, HTML, CSS, Tailwind CSS,
- **Soft Skills** : Problem-solving, creative, Critical Thinking, Communication

PROJECTS

Web Development

Dashboard for Live Modules – React (TSX), Frappe, Material UI, Tailwind CSS

Designed and deployed interactive dashboards across 3 live modules at Agnikul Cosmos, enhancing data visibility and UI performance. Optimized components for maintainability and performance.

Virtual Reality Software Webpage – React.js, Vite, Tailwind CSS

Developed a responsive single-page React app for showcasing virtual reality software. Implemented smooth transitions, reusable components, and optimized performance with Vite.

Personal Portfolio Website – React.js (JSX), Tailwind CSS, Figma

Designed and developed a personal portfolio site with sections like Home, About, Projects, and Experience. Followed modern design practices using Figma and ensured mobile-first responsiveness.

Machine Learning / Data Analytics

Fairness-Aware Cervical Cancer Risk Prediction – Python, Scikit-learn, XGBoost, AIF360

Built and evaluated 5 ML models (Random Forest, SVM, ANN, AdaBoost, XGBoost) on real-world data. Used AIF360 with reweighing to mitigate bias and measured performance with SPD, EOD, and AOD metrics.

Animal Vocalization Classification Using CNN – Python, TensorFlow/Keras, Librosa, NumPy, Matplotlib

Trained a CNN model on animal audio recordings for bioacoustics analysis. Achieved 80% accuracy by using spectrogram-based preprocessing and data augmentation techniques.

Facial Recognition Attendance System – Python, OpenCV, NumPy, Excel Automation

Created an AI-based attendance system with time constraints ($\geq 70\%$ class duration). Automated data entry and minimized proxy attendance using facial recognition technology..

CERTIFICATIONS

- Front-end Web development (Coursera),
- Bootcamp in HTML CSS and JavaScript (LetsUpgrade),
- Introduction to Generative AI (Google cloud), Crash Course in python (Coursera).
- MERN Stack web Development (error makes clever)

EXTRA-CURRICULAR ACTIVITIES

- **Graphic Designer, TechPro (Technical Club)** – Created digital assets for events and social media.
- **Head of Design, Sketch (Design Club)** – Led design initiatives and mentored junior designers.
- **Volunteer, Student Society** – Supported event organization and student engagement.