Infant Jude Harrison D

Software Development Engineer

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Summary

Aspiring Software Development Engineer (SDE) pursuing a Bachelor's in Computer Science and Engineering, with hands-on experience building real-world applications. Strong understanding of software development principles, demonstrated through academic and personal projects.

Education

B.E. in Computer Science
Sathyabama Institute of Science and Technology, Chennai
2022–2026
CGPA: 8.22

Class XII – CBSE
Sree Gokulam Public School
2021–2022, 83.6%

Class X – CBSE
Loyola Academy CBSE School
2019–2020, 86.2%

Relevant Coursework

- Data Structures and Algorithms
- Database Management Systems
- Computer Networks
- Web Development
- Operating Systems

Certifications

- Programming in Java – NPTEL (IIT Kharagpur)
- Programming, Data Structures and Algorithms Using Python – NPTEL (IIT Madras)
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate – Oracle
- Full Stack Web Development – ExcelR Solutions
- UI/UX Design in Figma – Macincode Tech.

Languages Known

- English
- Tamil
- Hindi

Hobbies

- Playing guitar, learning violin, and listening to Indian melodic music
- Reading classic fiction and mystery books
- Playing video games and watch Football

Technical Skills

Languages: Python, Java, HTML, CSS, JavaScript
Frameworks/Libraries: React.js, Node.js, Express.js, MongoDB
Version Control: Git, GitHub
Design Tools: Figma
Tools: VS Code, Postman

Soft Skills:

- Problem-Solving
- Time Management
- Mentoring and knowledge sharing

Projects

TinyTales – Gamified Learning Model

An interactive web application that makes learning enjoyable for children by incorporating game elements like quizzes, rewards, and badges.
Technologies: HTML, CSS, JavaScript

- Built dynamic quiz components with real-time feedback.
- Applied responsive design principles for cross-device compatibility.
- Used local storage to maintain user progress.
- Collaborated in a 4-member team during a 24-hour hackathon.

TravelHub – Tour Package Booking System

A full-stack platform for users to explore, book, and manage travel packages with authentication and real-time updates.
Technologies: MongoDB, Express.js, React.js, Node.js

- Engineered APIs for handling bookings and user management.
- Developed dynamic frontend interfaces using React.js for browsing and booking travel packages.
- Imported and structured trip data in MongoDB using JSON files to support dynamic tour listings.

LifeDrop – Blood Donation App (UI/UX Design)

A mobile-first app concept that helps donors connect with hospitals and track donation history.
Technology: Figma

- Created wireframes and high-fidelity prototypes prioritizing user flow and accessibility.