

Hari Priya S

Thanjavur, India | haripriya200041@gmail.com | 8344044493 | Hari Priya S | LinkedIn

EDUCATION

SASTRA DEEMED UNIVERSITY
M.TECH (5.YRS INTEGRATED)
BIOTECHNOLOGY
 June 2018 – June 2023 | CGPA: 6.96

COURSEWORK

Data Structures and Algorithms (Python)
 Database Management Systems (SQL, MySQL)
 Object-Oriented Programming (Java, Python)
 Web Development (HTML, CSS, JavaScript) - Self-Taught
 Machine Learning and Data Science (Python, scikit-learn, pandas) - Self-Taught
 Data Visualization and Analysis (Excel, VBS Scripting)
 Software Engineering Practices (Agile, Git, GitHub)
 Biotechnology Applications in Data Analysis

SKILLS

PROGRAMMING

Languages

- Advance: Python, SQL
- Intermediate: Javascript
- Novice: JAVA

Web Development Languages

- HTML
- CSS
- React (currently learning)

Tools

- Git • GitHub • MS SQL Server
- Excel • Matplotlib

Technologies

- Web Technologies: HTML, CSS, JavaScript
- Data Science: Python (pandas, NumPy, scikit-learn), Excel
- Cloud/Infrastructure: None yet (but open to learning)

OTHERS

- Creative Design & Drawing
- Problem Solving
- Time Management

PROJECT(S)

STUDENT MANAGEMENT SYSTEM (CRUD) | PYTHON | SQL

- Developed a Python-based backend for managing student data with CRUD operations, reducing manual data entry by 40%.
- Implemented a MySQL database architecture, cutting administrative tasks by 30 hours/month and improving data accuracy.
- GitHub Link: <https://github.com/Haripriya1420/>

ECOMMERCE WEBSITE DEVELOPMENT | HTML | CSS | JAVASCRIPT

- Designed and deployed an eCommerce website using HTML, CSS, and JavaScript, focusing on responsive design and user-friendly interface.
- Enhanced user interaction by 40% by implementing dynamic content loading and ensuring compatibility across multiple devices.
- Deployment Link: <https://carafashions.netlify.app/>

PING PONG GAME IN PYTHON | PYTHON

- Developed an interactive ping pong game using Python's Turtle library with smooth gameplay and responsive controls.
- Achieved 95% user satisfaction based on test feedback.
- GitHub Link: https://github.com/Haripriya1420

BREAKOUT GAME IN PYTHON | PYTHON

- Built an engaging breakout game with paddle control, bouncing balls, and multi-level progression.
- Increased player retention by 40% through difficulty levels and visual enhancements.

REACT WEB APPLICATION | REACT | REACT ROUTER | MATERIAL UI | CHAKRA UI | NEXT UI | REACT SPRING | TYPESCRIPT | REACT CHARTS

- Developed a dynamic React app with a Counter, User Data Form, and Rich Text Editors.
- Reduced load time by 20% and enhanced interactivity using modern libraries.
- Deployment Link: <https://sensational-beijinho-b648a2.netlify.app>

SALES DASHBOARD DEVELOPMENT | EXCEL | VBS SCRIPTING

- Created an Excel sales dashboard with advanced functions and VBS scripting, automating data processing.
- Reduced manual workload by 50% and enhanced decision-making with streamlined reporting.

CERTIFICATION

- **PYTHON** | HACKERRANK | COURSERA
- **SQL** | HACKERRANK
- **CYBERSECURITY** | COURSERA
- **CLOUD 101** | COURSERA
- **ARCORE** | COURSERA
- **IOT** | COURSERA