

HARISH P

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PROFESSIONAL SUMMARY

Aspiring Software Engineer and Computer Science undergraduate with hands-on experience in full-stack web development, Python programming, and machine learning applications. Adept at designing and building practical software solutions, implementing secure authentication, and optimizing database management systems. Eager to leverage strong analytical, problem-solving, and software engineering capabilities to contribute effectively to high-impact development teams through software engineering internships and technical roles.

PROJECTS

Complaint Management System

- Developed a responsive web application to streamline grievance registration, tracking, and departmental resolution workflows.
- Implemented secure user authentication, role-based access control (RBAC), and real-time grievance status tracking.
- Optimized data accessibility, record integrity, and resolution turnaround through structured MySQL database management.

Smart Autism Assistance System

- Developed an intelligent interactive web application to support cognitive engagement and learning for individuals with autism.
- Integrated machine learning techniques to analyze user interaction behavior patterns and deliver adaptive assistance.
- Enhanced communication and learning experiences through tailored interactive modules and real-time response feedback.

Smart Medicine Assistant Development

- Developed a smart medicine assistant web application to help users organize medication schedules and manage medicine records.
- Implemented medication reminders and schedule management workflows to support timely medication adherence.
- Designed an intuitive, user-friendly interface to simplify medicine tracking and enhance daily healthcare accessibility.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript

Web Technologies: HTML, CSS

Databases: MySQL, MongoDB

Tools & Platforms: VS Code, Git & GitHub

Core Subjects: Data Structures and Algorithms (in Java), DBMS, Operating Systems, Computer Networks

WORKSHOP AND TRAINING

ChipCraft — RTL Design, IP Integration & SoC Signoff (90 hours)

Completed an intensive 90-hour professional workshop covering RTL Design, IP Integration, and SoC Signoff, gaining hands-on experience in Verilog, synthesis, timing analysis, CDC/RDC verification, and the complete RTL-to-GDSII VLSI design flow.

ACHIEVEMENTS

1st Place — Kabaddi, Taluk-Level Sports Competition

Achieved 1st Place in Kabaddi at the Taluk-Level Sports Competition.

EDUCATION

SJM Institute of Technology — B.E. in Computer Science & Engineering 2023 – 2027

Thimmareddy PU College — 12th Grade 2022 – 2023

SMBR High School 2011 – 2021

CERTIFICATIONS

- Introduction to HTML — Simplilearn SkillUp
- AI and Innovation for Resilient AI Strategy — MongoDB