

NANDAN N

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EDUCATION

Bachelor of Technology, Computer Science Pes University

Expected 2025

Member of Center of Innovation and Entrepreneurship (CIE)

Relevant Coursework: Python for Computational Problem Solving; Elements of Electrical Engineering; Engineering Mathematics 1; Mechanical Engineering Sciences; Engineering Physics; Problem Solving with C; Engineering Mechanics Statics; Electronic principles and Systems; Engineering Mathematics 2; Digital Design and Computer Organisation; Data Structures; Statistics for Data Science; Web Technologies; Automata, Formal and Logic.

SKILLS

Languages

C, Python, HTML/CSS, JavaScript, LaTeX

Technologies and Frameworks

Linux, Git, Flask, OpenCV, GIS, ROS, Selenium, Tensorflow

EXPERIENCE

Lead Web Developer

July 2022 - present

Minerva Club

Pes University

- Built and implemented a website from scratch using MERN stack

PROJECTS

8 Bit Computer

Implemented a 8-bit General Purpose Computer on FPGA board having load-store architecture using Verilog HDL

- Built a memory module and an ALU with CLA adder and Booth
- Implemented Recursive function calls and the General Purpose Computer could run programs and display results through LED
- Implemented an Interpreted and Compiler for the programs to be run on this General Purpose Computer
- Chosen as one of the best projects in the course

Help support website.

Built a free website for the "Hands of Hope" NGO foundation, with features like Chat system, mental health resources and stress tests. This website was selected as one of the top 3 projects in "Haul it away", an annual hackathon.

Git System

Built a local git system that do various standard functions like create a repository, commit, and push itself to GitHub

EXTRA-CURRICULAR ACTIVITIES

- **Writer and Reporter**

Writer at "FYT", university newsletter. Reporter of college annual fest, Aatmatrishha '22.

- **Quiz member, Quiz Quotient Corps club.**

Have participated in various quiz tournaments across campus and other Universities.

HONOURS

- **24th APRSAF Space Conference**

Represented my nation India in front of 13 other asian pacific nations in the water rocket competition associated with the space conference, while learning under ISRO.

LANGUAGES

- Kannada, English, Sanskrit, Hindi, Telugu, Spanish, Japanese
(Domain head member of Linguista, language learning club of the University)