PRIYANGA S

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OBJECTIVE

self-directed and motivated student with a strong background in electronics, digital systems, and programming skilled in both technical and organizational roles

EDUCATIONAL

St. JOSEPH'S INSTITUTE OF TECHNOLOGY
B.E. Electronics and Communication Engineering 2022–2026 **CGPA:8.35**
St. KEVIN'S ANGLO INDIAN HR.SEC SCHOOL
Higher secondary education with an academic achievement 83.3%
Secondary Education with an academic achievement of 71%

EXPERIENCE

- **AAI (AIRPORT AUTHORITY OF INDIA) 15 DAYS INTERN**
  - Gained practical experience in operating and maintaining CNS systems like radar, VHF communication, and ILS for efficient air traffic management.
  - Developed understanding of regulatory standards and operational protocols, ensuring seamless integration of CNS technologies in airport operations.
- **ONLINE INTERNSHIP IN INRTERNSHALA** : APP DEVELOPMENT

PROJECTS

- **AUTOMATIC SANITARY NAPKIN DISPENSOR**

Developed a sensor-based automatic sanitary napkin dispenser to ensure accessible, hygienic, and convenient dispensing, supporting public health initiatives. Integrated non-cash payment options and restocking alerts enhance user convenience and streamline maintenance in schools and community centers.

- **TIC TAC TOE**

Developed a Tic Tac Toe game in Java, implementing a user-friendly interface with interactive gameplay. Utilized object-oriented programming principles for game logic, including player turns, win/lose conditions, and a dynamic 3x3 grid.

SKILLS

- **Programming Languages:** Python, Java, SQL
- **VLSI**: Cadence
- **Tools:** Numpy, pandas, Matplotlib, seaborn, Machine learning
- **Other Skills**: Problem Solving, Communication, Teamwork, Time Management

CERTIFICATIONS AND ACHEIVEMENTS

- Cloud Computing - NPTEL
- Cadence ambassadors VLSI
- Cadence semiconductor 101 v1.0 (online)
- HACK-O-MANIA - Intercollege Hackathon (LEAD) - Third Place (Developed an app FARM MATRIX)
- EDC Club - Plan for demand - Cash reward
- INFOSYS SPINGBOARD: Data Structures and Algorithm in JAVA

WORKSHOP

- Pantech workshop on IOT and Embedded systems
- PCB Design