Aum Waradkar

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Education

MIT World Peace University   Pune, Maharashtra
Electrical & Computer engineering,   June'26
GPA-7.6
Relevant Coursework: Electrical Machines, Power Electronics, Power Systems and Protection,Analog and Digital Integrated circuits, PLC & Automation, Data structure & Algorithms, Object Oriented Programming, Robotics & Automation

City Pride junior college [HSC]   Pune, Maharashtra
Percentage:75.17%   April'22
DAV Public School [CBSE]   Pune, Maharashtra
Percentage:94.2%   March'20

Experience

Team Phoenix
Electrical Head   March'24 – Present
- Worked on the drone's power train, enhancing system performance and energy efficiency.
- Learned embedded C, PCB design, circuit design, and BMS technologies.
- Led a team of electrical engineers, promoting effective collaboration and project success.

Team Accelaracers
Member   August'22 – January'23
- Contributed as a member of the manufacturing team, facilitating the development and assembly of engineering projects.
- Engaged in effective networking with senior members, gaining valuable mentorship and insights.
- Acquired foundational skills in CAD modeling using SolidWorks, enhancing design capabilities.
- Developed a comprehensive understanding of college club operations and team dynamics.

Projects

SAE AEROTHON   November'26
Team Phoenix
- Secured AIR 11 in PHASE-1
- Cleared the inspection round in PHASE-2

STARTUP SUMMIT   January'24
ArriveOclock
- Secured 2nd Place in competition developing a smart travel companion app that ensures you never miss your stop, making it perfect for commuters and travelers alike.

Certificates
- Design and Analysis of VLSI Subsystems [NPTEL]
- 2
- 3
- 4

Skills & Interests

Technical:C, C++, Python, Embedded C
Language: English (Professional Working Fluency), Hindi (Native Fluency), Marathi (Native Fluency)
Laboratory: Arduino, STM 32, Integrated Circuits, Altium, KiCAD, LTSpice
Interests: Football, Chess, Drones, Formula 1