JATIN BHOSALE

Embedded Systems Engineer

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📍 C-2/29, Jai Chamundai CHS, Ambadi Road, Vasai (W)

SKILLS :

- Microcontrollers
- Communication Protocols
- C Language
- Assembly Language
- Real Time Operating Systems
- Linux Operating Systems
- PCB Design
- CAD Modelling
- Technical Writing
- Project Management
- Excel and PowerPoint

SUMMARY

B.Tech in Electronics Engineering with experience in Product Engineering, willing to secure a challenging position in a reputable organization to expand my learnings, knowledge and skills, while making a significant contribution to the success of the company.

EDUCATIONAL QUALIFICATIONS

B. Tech in Electronics Engineering

K. J. Somaiya Institute of Engineering and Information Technology
Mumbai, Maharashtra.
2018-2022
CGPA: 8.47 (till 7th Semester)

XIIth

Chinmaya Vidyalaya Tarapur (Central Board of Secondary Education)
Boisar, Maharashtra.
2018
Percentage: 87.00 %

Xth

Chinmaya Vidyalaya Tarapur (Central Board of Secondary Education)
Boisar, Maharashtra.
2016
Percentage: 92.60 %

EXPERIENCE

Product Engineering for UASS

Company: Databyte Services and Systems, Mumbai
Duration: Oct 2020 to Dec 2021
Responsibility: Designing Embedded Systems, Designing PCBs, Testing Systems on-field, contacting and following up with the suppliers and fabricators, and managing my team members.
Mentor: Mr. Vishram Bapat

PROJECTS

Automated Groundstation System

The design and development of a fully automated low-cost server-based Ground Station system consisting of an Antenna, Antenna Rotator, Base Transceiver System, Server and a Web-based GUI to enable communication with the BeliefSat-1 engineered using COTS component.

BeliefSat – 1 for ISRO's PS4-OP

BeliefSat–1 is a 2p-PocketQube standard nano-satellite being developed by the students of KJSIEIT, approved by ISRO for the PS4-Orbital Platform Program.

ACHIEVEMENTS

- Selected to Represent University of Mumbai at Anveshan National Student Research Convention 2022
- Represented Databyte at a tender evaluation for IMD (2020)
- 1st Prize in VHF Antenna Design Contest at LARC-2019
- Licensed Amateur Radio Operator with callsign: VU3FPK
- Founder – CROWN Amateur Radio Club, Mumbai