

Smita S Chavan
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PROFILE SUMMARY

- Currently working as Electronics Lecturer at Computer Science Dept of Anantrao Pawar College since Sept 2023
 - 2.5 years of experience as online Coding Instructor Indian as well as international students.
 - Over 5.2 years hands on experience of embedded systems development.
 - Hands on experience in programming language: C, Python, React-Native, JavaScript, HTML
 - Strong hands-on experience of: 8051, PIC (16F series), Atmega, LPC2148
 - Worked on: RS-232/RS-485/Wi-Fi/GSM Communication, Modbus/I2C/SPI Protocol.
 - Team oriented with strong analytic, communication and interpersonal skills.
 - A systematic, organized, hardworking and dedicated team player with an analytical bent of mind, determined to be part of a growth-oriented organization.
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QUALIFICATIONS

- MTech in software System, BITS Pilani in year 2017 with 5.57 CGPA.
 - M.Sc. in Electronic Science, Fergusson College in year 2010 with 65.50 %.
 - B.Sc. in Electronic Science, Fergusson College in year 2008 with 74.75 %.
 - HSC from MAHA. Board in 2005 year with 72.17 %.
 - SSC from MAHA. Board in 2003 year with 76.13 %.
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SKILLS

- Course Planning
 - Creative instruction style
 - Critical thinking – problem solving
 - Time management
 - Personable and approachable
 - Enthusiastic
 - Communication
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TECHNICAL SKILLS

- Programming languages: Python, JavaScript, React Native, C , HTML
 - Programming Environments:
 - Visual Studio Code editor
 - Keil Cross Compiler (for NXP/Atmel Microcontrollers)
 - CCS PIC Cross Compiler (for Microchip Microcontrollers)
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PROFESSIONAL EXPERIENCE

- Sept 2023 to till this date, PDEA's Anantrao Pawar College, Pirangut, Lecturer
- Oct 2022 to 15th June 2023 , PDEA's Mamasahab Mohol College, Lecturer
- April 2020 to Oct 2022, WhiteHat jr, Coding instructor
- July 2018 to Feb 2020, Happy Kidz school, Teacher
- Jan 2016 to June 2018, Self-employed, Project mentor for BE students
- June 2015 to Dec 2015, Expert Global Solution (Pune), Embedded Design Engineer
- March 2013 to May 2015, Modular InfoTech Pvt. Ltd. (Pune), Embedded system developer
- Oct 2010 to March 2013, Ajay Syscon Pvt. Ltd., Assistant Design Engineer

RESPOSIBILITY as Lecturer:

- Prepared and delivered regular lectures for students; conducted tutorial sessions, seminars, and laboratory classes.
- Conducted further special classes into their specific field of knowledge/interest.
- Guided class discussions, whilst encouraging debate and feedback among students.
- Prepared and marked student assignments, presentations, and exams and provided one-on-one feedback on academic performance where necessary.
- Students Assessments
- Attended departmental and faculty meetings with other staff members.

RESPOSIBILITY as Coding instructor:

- Teaching:
 - JavaScript through game development
 - HTML and CSS for website development.
 - React Native for Mobile development
 - Python for Data science and Machine learning algorithms
 - Web App development using Python and Node JS
- Creating training videos on curriculum for fellow teachers

PROJECTS UNDERTAKEN as Developer:

- **Machine Talk**
 - Mahine To Mahine product .Worked on communication protocols
 - **Optical Braille Reorganization (OBR) software**
 - Worked on Image processing
 - **Book Scanner - Digitization**
 - Data Feeder console for Braille embosser
 - Temperature Pyrometer Tempstick 729.
 - Charge Calculator
 - Extended Large Display Unit
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