

Amruta Patil

Email: amrutapatil101297@gmail.com

Phone: +91-9022540784

Location: Pune

CAREER OBJECTIVE

I have 1.7 years of software development experience, which helped to enhance my C++, QT experience from journey of college to software organization. I would like to excel as a software engineer to enrich and enhance my knowledge, skills and contribute to the organization's growth.

TECHNICAL SKILLS

- **Programming Languages:** C programming, Embedded C programming, C++
 - **Microcontrollers:** 8051 μ c, ARM processor, STM32
 - **Development Tools:** Keil μ Vision, vs code, Dev C++, Proteus, ubuntu, STM32cube IDE
-

WORK EXPERICEN

Siemens Technology and Service Pvt. Ltd, Pune (Baner)

Job Role-GET Oct-2021 - June-2023

PROJECT NAME: PTC (Positive Train Control)

Project Name: Positive Train Control (PTC)	
Platform	Windows 10
Environment	QT 4.10, Jenkins, SonarQube, Understand Tool
Technology	QT (C++)
Project Summary	Positive Train Control The main idea behind this project is to control the train accidents without the drivers interface by using HMI desktop application to manage the track information, signal information, maintaining the train schedule.
Roles and Responsibility	Analyzing defect requirement and discussing within team and customer Working on Mobility domain project. Working on Static code Analysis. Writing Functional specification as per requirement Trying to minimize the code smells (code violations (Mishra 2008 rule) Software Development and Unit Testing (CPP UNIT framework) & Integration testing.

EDUCATION:**Post Graduate Diploma in Embedded Systems Design From BICARD Institute Pune (Aug 2024- Feb 2025)**

Modules Include: C programming, Embedded C, C++, 8051 μ c, ARM processor, STM32, Linux

Protocols: UART, I2C, SPI.

PROJECTS DONE AT BICARD

- Mini Project on (I2C RTC) Time and date facility using LCD.
- Mini Project on interfacing of I2C EEPROM DS1307 & LCD.

Software testing course from Udemy, Knowledge of SDLC, STLC, Agile Process.

Extra Curriculum activities:

Participated in ENGINEERS TALENT SEARCH a state level competitive exam in year 2014-15.

Achievement: Won 3 years (2017, 2018 & 2019) FIRST prize in sports event of CHESS competition organized by SVPM's COE Malegaon(bk).

EDUCATION QUALIFICATION

Qualification	Board / University	Percentage(CGPA)
B.E.(E&TC)	Savitribai Phule Pune University	8.45 (CGPA)
Diploma (E&TC)	MSBTE	76.13 %
S.S.C	Maharashtra State Board	77.66%

PERSONAL DETAILS

Date of Birth : 10th Dec1997
Gender : Female
Nationality : Indian
Language : English, Hindi, Marathi
Marital Status : Married
Hobbies : Taking part in Social activities, Playing chess, Cooking, Listening Music

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Date : / /

Amruta Dattatray Patil