

# PRATHAMESH PRASHANT KULKARNI

SOFTWARE ENGINEER

PHONE | (+91) 9561764138  
EMAIL | prathamk798@gmail.com  
LOCATION | Pune, INDIA  
EXPERIENCE | 3 Years 3 Months

## Key Skills

- C++
- Python
- Bazel
- ROS
- Adas
- Cmake
- AUTOSAR
- ARACOM
- Linux
- Docker
- GIT
- Github
- Gitlab
- SOME/IP
- IPC
- STL
- DSA

## Languages

- English
- Hindi

## Profile Summary

I am looking for a career in Software Development Domain, largely related to AUTOSAR and MISRA based frameworks. I am enthusiastic and flexible with learning new technologies in new verticals as well. Very much interested in Development and Integration.

## Work Experience

### Software Engineer

KPIT

05/2021 - 06/2024

Software engineer with 3 years+ experience in Application Development, Integration, Deployment and Testing. Experienced in C++ and Adaptive AUTOSAR Application Development. Worked as Software Engineer on Development, Deployment, Integration, Integration testing and Acceptance testing for Adaptive and Classic AUTOSAR based application. Worked on different deployment platforms such as Linux and QNX. Worked on IPC based communication protocols such as SOME/IP. Responsible largely for Deployment and Integration of different software modules or applications on target OS and updating and optimizing the same with regards to performance requirements. Followed Agile methodology and SDPM. Worked on Sensor Fusion for Lidar and Radar sensors. Worked on ADAS features such as ACC, CAS, Lane Departure Warning, Automatic Parking,

- Marathi

## Social links

- [www.linkedin.com/in/prathamesh-kulkarni-569a8315b](https://www.linkedin.com/in/prathamesh-kulkarni-569a8315b)

Trajectory Planning, etc.

## Senior Software Developer

AVIN Systems

07/2024 - Present

- Developed and implemented AUTOSAR stack on Platform Technologies
- Optimized Platform Technologies through efficient utilization of AUTOSAR stack

## Education

### B.Tech/B.E. - Mechanical

2020

JSPM's Jayawantrao Sawant college of Engineering, Pune

Grade - 8.7/10

### 12th

2017

Diploma , English

Grade - 75-79.9%

### 10th

2014

Maharashtra , English

Grade - 85-89.9%

## Projects

### Single axis tracking of Parabolic Trough Collector with Thermosiphon

244 Days

A pumping mechanism which uses a motor inside a Parabolic Trough Collector is replaced with a thermosiphon to overcome the shortcomings of motor such as the requirement of an external power source, also while implementing the single axis tracking.