

Name: Rahul Ashokrao Dhapatkar
(ME -E&TC+CDAC)
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OBJECTIVE:

To excel in my field through hard work, research, skills, and perseverance. To serve my parents and my country with the best of my abilities and to work hard with full determination and dedication to achieve organizational goals.

Summary:

- 8 years 3 months of proven history in delivering successful high-quality software product development, testing and training C, C++, and Embedded domain
- **C++ Adaptive Autosar Domain, Linux Infotainment Domain, Train Domain, Mobility Domain Experience**
- Good experience in user level requirement collection, coding and bug fixing.
- Involved in Middleware Development and Unit Testing.
- Worked on Modules such as **Vehicle Info, RADAR, ADAS, LIDAR**, System State, Calibration, Diagnostics, Test, CAN Ape, XCP, UDS, Some-IP, IPC.
- Worked on **OPC-UA Framework, Docker, Ansible, Kubernetes(basic)**
- Worked on DMI Applications on **C++-QT-Squish, CI-CD Pipelines**, IPC, Threading's
- Worked on **Xamarin mobile Applications, Jenkins, RTC, Jenkins, Docker, GIT**
- Worked on Configuration management process, CMMI documentation
- Worked on Automation setup, Prototypes, EA tools, Documentation.
- **SPOT Award** for technical contribution from SIEMENS in year 2019 and in 2020,21
- **SPOT Award** for technical contribution from KPIT in year 2023 and in 2024
- Design and craftsmanship competition second prize winner at SIEMENS
- **Two times Appreciation Bonus for CMMI and Project activities and one-time Instant Puraskar from SIEMENS**

TECHICAL SKILLS:

C++, Adaptive Autosar, Infotainment, ADAS, CI-CD, GIT, Qualcomm, RCAR, Some-IP

Professional Experience:

Working as Associate Solution Architect at KPIT Pune from March 2023 to till date.

Project Description:

Organization: KPIT Software PVT LTD, Pune

Project Summary: Applications reads the Vehicle Info, RADAR, LIDAR.CAM, PROBE data from shared memory, converts them to the respective data structure and sends them to the Subscriber. Some applications communicate through SOME-IP or IPC com.

Adaptive Autosar based funciton cluster need to integrate with middleware services to map real time signals and structures with scaling and updated to user level applications.

Domain: Adaptive Autosar

Module: Elite-ADI

Team Size: 12

Duration: Mar 2023 to Till Date

Role: Associate Solution Architect

Skills: C++, Adaptive Autosar, Vehicle Info, RADAR, LIDAR applications.

- **Organisation** SIEMENS Technology and PVT LTD, Pune
- **Position** - Sr. Software Engineer
- **Job Duration** - 7 May 2018 to 8 June 2022
- **Domain** - Mobility Domain

- **Organisation** EPAM PVT LTD, Pune
- **Position** - Sr. Software Engineer
- **Job Duration** - 9 June 2022 to 2 March 2023
- **Domain** - Finance Domain-Ukraine- 8 Months -War impacted so Resigned

- **Organisation** KPIT Software Pvt. Ltd Pune
- **Position** - Associate Solution Architect
- **Job Duration** - 23 May 2016-4 May 2018 and 3 March 2023 to till date
- **Domain** - Adaptive Autosar Domain

Professional Qualification

- ✓ **C-DAC** (Computer Diploma in Advance Computing)
Infoway Institute of Technology, Pune. Percentage: 56.63% A+ in Project
- ✓ Software Testing Course from SCTL, Pune

Educational Qualification

- ✓ **M.E. (E&Tc : VLSI & Embedded System)- K.K.W.C.O.Eng, Nasik, (Pune University)**
First Class with distinction (8.15 C.G.P.A)
- ✓ **B.E. (E&Tc) – Sanjivani College of Engineering, Pune University**
First Class with distinction (67.20%)
- ✓ **H.S.C. - S.S.G.M.College, Kopargaon (Pune University) First Class (67.43%)**
- ✓ **S.S.C. – K.B.P.Vidalaya, Kopargaon (Pune University-MSBTE) (75.73%)**

Freelance Project:

Image fusion of MRI image & CT image using biorthogonal and discrete wavelet transform

- Direct software design and development while remaining focused on client needs.
- C coding on for combining feature selections of images
- Image processing coding in Matlab to work on those images.
- C, C++ coding for pixel calculations.
- Different data structures like stack, queue are used with C language for efficient utilization of memory for storing features collected from image
- Design of Graphical User Interface
- Collaborate closely with other team members to plan, design & develop robust solution.

Unrestricted

Significant Achievements

- ✓ Class Topper in M.E.(E&Tc) first year K.K.W.College of Engg,Nasik
- ✓ Class Topper in M.E.(E&Tc) Second year K.K.W.College of Engg,Nasik
- ✓ 3rd in Open category in SPPU PHD Entrance Exam held in 2015.
- ✓ Spot Awards in the year 2019 and 2020 for contribution in project from Siemens
- ✓ Appreciation Cards and Mails from Siemens management
- ✓ Attempted IBPS government exams
- ✓ Hackathon, Designathon, Anchoring,Dancing,Skits, Online Video, Team Games
- ✓ Worked as Guest Lecturer parttime also from 2014-2016
- ✓ Worked as freelancer for Academic projects during Masters of Engg. (2011-2012)

Personal Details:

Father's Name : Dhapatkar Ashokrao Kashinath
Mother's Name : Dhapatkar Sunita Ashokrao
PassPort : Available
Nationality : Indian
Sex : Male
Languages : English, Hindi and Marathi, German Basics
Hobbies : Internet browsing, Listening songs
Sports : Badminton & Carom, Chess, Cricket
Native Address : Rahata District ,Near to Shirdi ,Ahmednagar,Maharashtra

References:-

Mr. Nitin Dusane Software Architect 20 Yrs. exp in Siemens Pvt. Ltd. Pune Mob:9764258515
Mr. Sudharshon Software Engg, Mz Benz Technology & Solutions, Pune Mob: 9890032349

DECLARATION

I hereby declare that all the information filled in is correct with the best of my knowledge.

Date: 03-10-2024

Place: Pune

Signature