

# CHETAN GODKAR

[godkarchetan@gmail.com](mailto:godkarchetan@gmail.com)

[LinkedIn](#)

Mo: +919824897332

## Summary

- 3 yrs + Experience in embedded system development and or related fields.
- C/C++ Expertise.
- Experience in Linux/QNX device driver development.
- Knowledge of Codec2, and Android multimedia frameworks.
- Knowledge of video codecs like H264, HEVC and other codecs
- Comprehensive grasp of the entire software development life cycle, encompassing coding standards, code reviews, source control management, build process optimization, testing, and operations oversight
- Hands-on Exp on python, shell Scripting.
- Strong problem-solving skills and ability to work in a fast-paced, deadline-driven environment.

## Experience

**Pathpartner Technologies, Bangalore**  
Software Engineer - Feb 2022 - Present.

**Softnautics Pvt. Ltd, Ahmedabad**  
Associate Engineer - June 2021 to Feb 2022.

## Internship

**Softnautics Pvt. Ltd, Ahmedabad**  
Intern - Jan 2021 to June 2021.

## Technical Proficiency

<i>Programming Language</i>	C, C++, OOP(basic)
<i>Scripting Language</i>	Shell, Python(basic)
<i>Operating System</i>	Windows, Linux, QNX
<i>Hardware Platform</i>	Qualcomm Platforms: <b>SA8155P(HANA)</b> , <b>SA8540P(MAKENA)</b>

## Professional Projects

- **Automotive infotainment system - Video**

(March 2022 - Present)

**Responsibilities:**

- Designed and developed in Android Media Framework's module i.e. AOSP, Middleware, Hypervisor and Linux/QNX device drivers for Heterogeneous Multi-core SoCs, resulting in cutting-edge Automotive products
- Demonstrated expertise in Embedded System software development experience in device drivers and board-support packages for complex SoCs
- Worked on Feature Enhancement, Development, Debugging & Bug fixing activities and collaborated with cross-functional teams to ensure seamless integration with software and hardware components
- Comprehensive grasp of the entire software development life cycle, encompassing coding standards, code reviews, source control management, build process optimization, testing, and operations oversight
- Strong working knowledge of operating systems like QNX, Linux, Android.
- Good knowledge of Microprocessors/Microcontrollers/ARM MPU (ARMv7/ARMv8) architecture
- Worked with version control tools like GIT and development workflow tools like JIRA
- Knowledge of Codec2, and Android multimedia frameworks
- Knowledge of video decoders like H264, HEVC and other codecs
- Customer support for various builds for miscellaneous video issues
- Strong problem-solving skills and ability to work in a fast-paced, deadline-driven environment

- **Video Coding Unit (VCU)**

(Apr 2021 - Feb 2022)

- **Responsibilities:**

- Responsible for Debugging and Fixing the Customer issues of Video Codecs on Gstreamer Framework.
- Worked on AVC, HEVC codecs.
- Debugging & Bug Fixing on Gstreamer Application Layer, OMX integration Layer, Video Codec Development Layer.

### **Academic Qualification**

Study	University / Board	Percentage	Year
B.Tech (Electronics & Communication)	DDIT (Dharmsinh Desai University), Gujarat	69%	2021
H.S.C	G.S.H.S.E.B (Gujarat Secondary and Higher Secondary Education Board)	66%	2017
S.S.C		67%	2015

### **Declaration**

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Date:

Place:

Chetan Godkar