1. Name : Krish Hemang Soni
2. Aadhar No. 6982 1700 1747
3. D.O.B 13/11/2003
4. Birth Place (Currently situated also) Bhavnagar, Gujarat
5. Father : Hemang Soni, D.O.B 10/11/1971, Bhavnagar (Birth Place)
6. Mother : Darshna Soni, D.O.B 31/3/1976, Mumbai (Birth Place)
7. New E-Mail : [krish1311soni@gmail.com](mailto:krish1311soni@gmail.com), Password : Ksferded@26
8. My Mobile No. 9979468075
9. Father’s Mobile No. 9825028075
10. Home Address : 2248/c-3, Krushna kutir, fulwadi chowk, hill drive, Bhavnagar, Gujarat, 364002
11. Examination GRE, ILETS, German all 3 are left. ILETS I m giving around 15th-20th sept.
12. Post 22th May 2025 (end of my final semester 8th) I m not working as of now.
13. I have total 2 internships ( 1 in my final year of 3months, 1 in my 3rd year for 15 days )
14. I will even add 2 more work experience as working for my father’s both firm as a E-commerce/E-Marketing guy /Making their website (which I have).
15. About my first internship in 3rd Year :

INFOLABZ IT SERVICES PVT.LTD. (From 27th June 2024 to 15th July 2024) ||| Project : News app & movies app

My role was Flutter Developer, mentor details : Chintan Nagrecha, 8866662662, [info@infolabz.in](mailto:info@infolabz.in)

Address : 405, Vraj Avenue, Above SAM’s Pizza, nr. Commerce Six Road, Swastik Society, Navrangpura, Ahmedabad, Gujarat, 380009

During my internship at Infolabz IT Services Pvt. Ltd., my role went beyond just basic app development. I was responsible for:

* Architecting Cross-Platform Mobile Interfaces: Designed interactive and scalable UI components in Flutter using advanced widget structures like Scaffold, TabBar, Drawer, and dynamic List/Grid builders.
* API-Driven Development: Implemented real-time API integrations (Inshorts News API, Bitcoin API) using the http package, enabling the app to deliver live, data-driven content dynamically.
* State Management & Error Handling: Tackled challenges such as overflow errors, dynamic data rendering, and layout conflicts, applying stateful widget logic and flexible design principles.
* End-to-End Prototype Development: Contributed to the creation of a Movie App landing page and a fully functional NewsApp, both built with real-time data pipelines and responsive UI for multiple screen sizes.
* Industry-Level Practices: Followed agile-style task execution, version control discipline, and code optimization standards to ensure the project met professional benchmarks.

The most valuable skills I gained were hands-on expertise in Flutter and Dart, especially in building cross-platform dynamic UIs and handling real-time API integrations. I also learned problem-solving for layout errors, state management concepts, and applying industry practices like clean coding and responsive design, which gave me confidence in developing production-ready mobile applications.

during my internship I contributed to a special project – the News Application, which was built using Flutter with real-time API integration. I worked on implementing dynamic data rendering using ListView.builder and GridView.builder, integrated the Inshorts News API, and designed the UI with cards and responsive layouts. This not only made the app more user-friendly but also demonstrated how to handle live data pipelines efficiently.

Additionally, I proposed small process improvements like using reusable widget components to reduce repetitive code and implementing error handling mechanisms to avoid overflow and layout issues, which helped streamline the development workflow.

🔹 1. Learning Outcomes

* Gained experience in mobile app lifecycle management from design to deployment.
* Improved debugging and state management skills.
* Learned modular coding and API/JSON data handling in Flutter.

🔹 2. Team Collaboration & Mentorship

* Worked under the guidance of Mr. Chintan Nagrecha.
* Understood industry workflows like code reviews and task planning.
* Learned to present updates and apply feedback effectively.

🔹 3. Professional Exposure

* Observed project delivery under deadlines with quality assurance.
* Understood conversion of client requirements into technical features.
* Got exposure to agile methodologies and sprint-based development.

🔹 4. Challenges & Problem-Solving

* Solved real-time data rendering issues with ListView/GridView.
* Fixed JSON decoding errors with error-handling mechanisms.
* Optimized responsive design for multiple devices.

🔹 5. Future Scope / Impact

* Built confidence to develop full-scale apps independently.
* Strengthened career focus on mobile app & API-driven development.
* Gained practical exposure to industry tools and workflows for future roles.

I even have an entire report on this internship + project as I had to present it to my professor in college.

1. About my second internship in my 4th year:

IT HUB SOFTWARE SOLUTIONS (20th January 2025 – 20th April 2025) ||| Project : Real Estate Management System

Role: Website Developer | Mentor: Piyush Danani, 8866605455 | [www.ithubsoftware.com](https://www.ithubsoftware.com/?utm_source=chatgpt.com)

Address: Office No:8, Shree Sidhhivinayak Complex, near Bhagwati Circle, Kaliyabid, Bhavnagar, Gujarat – 364001

During my internship at IT HUB Software Solutions, I worked on a production-level Real Estate Management System (REMS Portal).

• End-to-End Web Development: Built property listing modules using HTML, CSS, JavaScript (frontend) and PHP, MySQL (backend) with XAMPP.

• Dynamic Data Handling: Implemented CRUD operations for properties, users, and leads.

• Authentication & Role Management: Developed secure login/signup with role-based access.

• Search & Filters: Created dynamic property search (price, location, type) with responsive layouts.

• Utility Features: Added EMI calculator and document verification for usability and trust.

• Optimization: Applied structured database design, modular coding, and clean practices.

A key contribution was enhancing the property search mechanism with optimized SQL queries for faster, user-friendly results. I also worked on lead management and proposed improvements like reusable backend scripts and error-handling to prevent crashes, improving workflow reliability.

🔹 1. Learning Outcomes  
• Gained full-stack experience in PHP, MySQL, HTML, CSS, JS.  
• Learned database management, query optimization, and responsive design.  
• Strengthened debugging and problem-solving skills.

🔹 2. Team Collaboration & Mentorship  
• Worked under guidance of IT HUB mentors.  
• Learned requirement gathering, code reviews, and task execution.  
• Improved communication by presenting progress and applying feedback.

🔹 3. Professional Exposure  
• Understood conversion of client needs into technical modules.  
• Experienced deadline-driven development with quality focus.  
• Learned about real-world property management challenges.

🔹 4. Challenges & Problem-Solving

• Optimized SQL queries for search performance.  
• Fixed authentication loopholes with secure sessions.  
• Built responsive layouts for cross-device compatibility.

🔹 5. Future Scope / Impact

• Confident to develop end-to-end web portals independently.  
• Strengthened focus on full-stack and database-driven apps.  
• Opened scope for features like payment gateways and AI-driven recommendations.

1. The most exciting part of my internship at IT HUB Software Solutions was developing dynamic modules like the property search engine, EMI calculator, and real-time lead management system, where I integrated both frontend and backend logic to solve real-world real estate challenges. It felt innovative because I was building features that directly mimic industry-grade applications.
2. I solved critical issues like database query optimization and layout conflicts, which were causing slow property searches and UI misalignment. By restructuring queries and applying responsive design techniques, I significantly improved the system’s speed, stability, and user experience.
3. No, this internship/project is not related to the course i desire to purse in advance studies.
4. None of my projects were published (they are uploaded on github by me), presented, or awarded.
5. I m very interested in doing research/ make tools, excel in Machine learning, deep learning, Neural Network, and constantly create interesting things.
6. Upto 10th I was in KPES, than OAJ Institue for 11th/12th than joined GMIT (GTU).
7. B.E started : 05/09/2021 ended : 22/05/2025
8. Bachelor of Engineering in Computer Engineering
9. Gyanmanjari Institute of Technology, survey No.30, sidsar road, near iscon Eleven, bhavnagar, Gujarat, 364002
10. College’s Website <https://newsite.gmit.edu.in/> , Final Result CGPA 7.73
11. Degree not yet Awarded, will be awarded approximately January 2026
12. University Website Link to Course Syllabus (website not functioning properly)
13. Software Engineering with subject grade AB, I m someone who has always wanted to create exciting things, and the professor Ritesh D. Chinmani has always helped me whenever i went to his chambers for a doubt, I constantly even now make nerdy things for myself, such as websites, mobile apps, calculators, notepad, etc etc and I have always liked software engineering for personal use. i m more into research and ai now that software engineering has been shrinked due to Generative AI.
14. I have a lot of certificates (about 20+) about the events I attended, but no such scholarships or academic awards achieved.
15. If i had a chance to reselect my education path, I would change my education board as I want something like VIT has, constantly revising education system, filled with newer content, better results and well-researched education because I have not been able to study python as it was not in my course of GTU. Now i have to learn it after my bachelors so i can do ML, DL, NN, LLMS.
16. I have a internship with a project in html,css,js, PHP for my final year, internship and project for IT HUB Software Solutions as part of my Bachelor studies.
17. Internship / Project started on 20/01/2025 and ended on 20/04/2025.
18. Details are given above about the internship at IT HUB Software Solution.
19. I have completed a lot of major web development projects which is live and published on my portfolio sonikrish.com and the source code can be found in my github repositories.
20. These projects go hand in hand with my subjects in my bachelor degree as it was mainly about software development.
21. Subjects such as html,css,javascript, typecscript, react, tailwindcss, php, socket.io, design engineering.
22. Projects :

**NOTE: I have also created a site for instantly viewing my projects called JS JUNCTION ( I consider this as a project due to its distinctive design).**

**JS Junction – Brewed Projects**

Welcome to **JS Junction**, a showcase of my JavaScript projects brewed with creativity and precision. This repository highlights a collection of interactive and visually appealing web applications, each crafted with a unique purpose and design.

**📂 Project Overview**

**1. Vellum-Codex**

* **Description**: A beautifully crafted digital library showcasing my personal book collection.
* **Tech Stack**: HTML, CSS, JavaScript

**2. Multi-Purpose-Calculator**

* **Description**: A versatile calculator app with multiple functionalities like BMI, EMI, and car loan calculations.
* **Tech Stack**: HTML, CSS, JavaScript

**3. Text-Adventure-Game**

* **Description**: A browser-based interactive storytelling game with multiple storylines and outcomes.
* **Tech Stack**: HTML, CSS, JavaScript

**4. Tic-Tac-Toe**

* **Description**: A fun and interactive Tic Tac Toe game with responsive design, dark mode, and score tracking.
* **Tech Stack**: HTML, CSS, JavaScript

**5. Dice**

* **Description**: A web app for rolling dice, designed for tabletop games like Dungeons & Dragons.
* **Tech Stack**: HTML, CSS, JavaScript

**6. Rock-Paper-Scissors-Lizard-Spock**

* **Description**: A modern implementation of the classic game with offline and online multiplayer modes.
* **Tech Stack**: React, Redux, TypeScript, Socket.IO

**7. Real-Estate-Management-System**

* **Description**: A platform for buyers, sellers, and agents to coordinate and find the best deals.
* **Tech Stack**: MySQL, PHP

**8. Workmate**

* **Description**: A platform for student startups to find like-minded collaborators and thrive.
* **Tech Stack**: In Progress

**Below is a detailed overview of my projects :**

**Project 1 :**

**Rock Paper Scissors Lizard Spock (RPSLS)**

A modern and interactive implementation of the classic "Rock Paper Scissors Lizard Spock" game.

This project features both offline and online multiplayer modes, a sleek UI, and animations.

It is built using React, Redux, TypeScript, and Socket.IO for real-time communication.

Features :

* Offline Mode: Play against the computer with randomized choices.
* Online Multiplayer: Play with friends in real-time by creating or joining a room.
* Responsive Design: Optimized for desktop and mobile devices.
* Animations: Smooth transitions and hover effects for an engaging user experience.
* Loading Screen: A Klingon-themed animated loading screen with sound effects.
* Score Tracking: Tracks scores for both offline and online modes.
* Rules Display: View game rules with a toggleable modal.
* Service Worker: Offline support with PWA capabilities.

**Project 2 :**

**D&D Dice Roller**

This project is a web application designed for rolling various types of dice commonly used in tabletop games like Dungeons & Dragons.

It provides an interactive and visually appealing interface for users to roll dice and view the results instantly.

Features

* Dice Selection: Roll dice with 4, 6, 8, 10, 12, 20, and 100 sides.
* Random Number Generation: Generates a random number based on the selected dice.
* Interactive Design: Clickable dice images with hover effects and animations.
* Result Display: Displays the result of the dice roll prominently.
* Responsive Layout: Optimized for both desktop and mobile devices.
* Customizable: Easy to add new dice types or modify existing ones.

How It Works

1. Dice Rolling: Click on any dice image to roll it. The result is displayed in the result box.
2. Sound Effects: A dice roll sound is played when a dice is rolled.
3. Page Refresh: Click the "D&D Dice" header to refresh the page.
4. Animations: The result is displayed with a pop animation for better user experience.

Technologies Used

* HTML: Structure of the web application.
* CSS: Styling and layout, including animations and responsive design.
* JavaScript: Logic for dice rolling, sound effects, and DOM manipulation.

**Project 3 :**

**Tic Tac Toe**

A fun and interactive Tic Tac Toe game built with HTML, CSS, and JavaScript.

This project features a responsive design, dark mode, score tracking, and a timer for each player's turn.

Features

* Two-player gameplay: Play as Player X or Player O.
* Score tracking: Keeps track of the scores for both players.
* Timer: Each player has 10 seconds to make their move.
* Dark mode: Toggle between light and dark themes.
* Responsive design: Optimized for both desktop and mobile devices.
* Reset functionality: Reset the scores or restart the game at any time.
* Winning animations: Highlights the winning combination.

How to Play

1. Open the game in your browser.
2. Player X always starts first.
3. Take turns clicking on the cells to place your mark (X or O).
4. The first player to align three marks horizontally, vertically, or diagonally wins.
5. If all cells are filled without a winner, the game ends in a draw.
6. Use the "Restart" button to start a new game or the "Reset Score" button to reset the scores.

Technologies Used

* HTML: For structuring the game layout.
* CSS: For styling the game, including light and dark modes.
* JavaScript: For implementing the game logic and interactivity.

**Project 4 :**

**Text Adventure Game**

Welcome to the Text Adventure Game, a browser-based interactive storytelling experience where players can choose their own adventures.

This project is built using HTML, CSS, and JavaScript, and features multiple storylines with branching paths and outcomes.

Features :

Multiple Adventures: Choose from a variety of storylines, including:

* Medieval Fantasy
* Dungeon Crawl
* Prison Escape
* Horror Mansion
* CIA Mission
* Ancient Curse
* Man Vs Wild
* Zombie Apocalypse
* The Count of Monte Cristo

Dynamic Storytelling: Each adventure has multiple choices and endings, allowing for replayability.

Dark/Light Mode: Toggle between dark and light themes for a comfortable reading experience.

Responsive Design: Optimized for desktop and mobile browsers.

**Project 5 :**

**Multi-Purpose Calculator**

A versatile web-based calculator application that provides multiple calculators for various purposes, such as BMI calculation, EMI calculation, car loan estimation, and more.

The application also includes a light/dark mode toggle for better user experience.

Features

* BMI Calculator: Calculate your Body Mass Index (BMI) based on weight and height.
* EMI Calculator: Compute Equated Monthly Installments (EMI) for loans.
* Car Loan Calculator: Estimate monthly payments for car loans.
* Car Tire Deviation Calculator: Calculate deviations in tire dimensions when switching to new tires.
* ETA Calculator: Estimate the time of arrival based on distance and speed.
* Normal Calculator: Perform basic arithmetic operations and advanced functions like square root, percentage, and memory operations.
* Height to Body Weight Ratio Calculator: Determine the ideal body weight based on height.
* SIP Calculator: Calculate returns on Systematic Investment Plans (SIP).
* FD Calculator: Compute maturity amounts for Fixed Deposits.
* Lumpsum Calculator: Calculate returns on one-time investments.
* Car Fuel Cost Calculator: Estimate the cost of fuel for a given distance.

**Project 6 :**

**Vellum Codex**

Vellum Codex is a beautifully crafted digital library that showcases my personal book collection. Inspired by the elegance of old paper, vintage textures, and the timeless joy of reading.

This project is a tribute to the tactile charm of real books—carefully archived in a minimalist, web-friendly interface.

"A room without books is like a body without a soul." – Vellum Codex is more than a digital shelf, it's a space to honor the stories, textures, and emotions bound within every cover.

 Tech Stack

* HTML / CSS / JavaScript
* LocalStorage for read/unread state
* Vanilla JS for filtering, searching, and UI logic

Usage :

* Search Books, use the search bar at the top to find books by title or author.
* Sort Books: Use the dropdown menu to sort books by: Read status (Read/Unread) Author name
* Toggle Theme: Click the "Toggle Theme" button to switch between dark and light modes.
* View Book Details: Scroll through the grid to view book details, including the cover image, title, author, description, and read status.

1. All Seminars + Events details :

* Participated in the national level event Crypto Trade at i.Fest '22 organized by IEEE SB DAIICT.
* participated in the national level event i.Relay at i.Fest '22 organized by IEEE SB DAIICT.
* participated in the national level event i.OHunt at i.Fest '22 organized by IEEE SB DAIICT.
* AI Tools Workshop conducted on 7th April, 2024 by BE10X.
* Participated in District Round in Quiz celebrating Azadi Ka Amrti Mahotsav 22/06/2022.
* Completed workshop by ‘Skill Nation’ on Business Intelligence using Power Bi conducted by Jatan Shah on 20th & 21st April 2024
* Completed planning for data collection, processing and analysis by UNICEF on 20th January 2025.
* Actively participated in Regional Round of Azadi ka Amrit Mahotsav Hackathon - 2022 During 7th & 8th October, 2022 held at G.E.C. Bhavnagar. (Certificate by SSIP)
* Certificate declaring that I have contributed TEN volunteering hours towards the Conscious Planet - Save Soil movement on 2nd June 2022.
* Actively participated in GSDC ISO 27001:2022 Lead Auditor Webinar series on 5th – 6th Dec’22.
* Actively participated in GSDC ISO 31000 Risk Manager Webinar Series on 12th – 13th Dec’22.
* Attended HACTOBERFEST at GEC Gandhinagar on 26th September 2023, at classroom 5001.
* Participated in displaying competent data literacy and possessing analytical mindset to describe, predict and inform basic business decisions using fundamental knowledge of E-Commerce on July 24th 2022 at EMPI Business School.
* Participated in ‘College/University Category’ for online weekly quiz conducted as part of ‘Gujarat Gyan Guru Quiz (G3Q) 2.0’ organized by Education Department, Government of Gujarat.
* Completed online course of PHP at Great Learning Academy on April 2024.
* Completed practical tasks in Advanced Software Engineering Virtual Experience Program by Forage in Walmart-Global Tech on August 2nd, 2023 where I managed to complete these tasks – 1. Advanced Data Structures, 2. Software Architecture, 3. Relational Database Design, 4. Data Munging.
* Participated in IDS 3: An initiative for innovation by Confederation of Indian Industry, Yi Innovations and Young Indians Organisations.
* Completed Internship at INFOLABZ IT SERVICES PVT.LTD. on 15th July 2024.
* Completed Internship at IT HUB SOFTWARE SOLUTIONS on 20th April 2025.
* Completed the course of Alpha (DSA with Java) at Apna College on 3rd Oct’24.
* Completed JavaScript bootcamp on 22nd January 2025 by Lets Upgrade.
* Completed HTML & CSS Bootcamp on 8th January 2025 by Lets Upgrade.
* Completed React Bootcamp on 7th Feb 2025 by Lets Upgrade.
* Attended a seminar consisting of Mr. Sandeep Jain the CEO of geeksforgeeks.

Skills I learned from these many Events and Seminars :

1. Programming & Development: HTML, CSS, JavaScript, React, PHP, Java (DSA), Advanced Software Engineering
2. Databases & Data Handling: Relational database design, data processing/cleaning, data munging
3. Business Intelligence & Analytics: Power BI, data visualization, e-commerce analytics, data-driven decision making
4. Cybersecurity & Risk: ISO 27001 (InfoSec Auditing), ISO 31000 (Risk Management)
5. Problem-Solving & Innovation: Hackathons, tech competitions, crypto trading simulations, team-based problem solving
6. Professional Exposure: Industry internships, Walmart Global Tech virtual program, IEEE & CII innovation initiatives
7. Soft Skills & Volunteering: Teamwork, communication, analytical mindset, social responsibility (Save Soil movement

I have few more Event Certificates but they r back home and not in my pc folder. If u would like me to send more I can call home and get the details.

1. I even participated in football tournament of my university and went on to become runners up in its final.
2. Computer Skills :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| HTML | CSS | JavaScript | React.js | TailwindCSS |
| Astro.js | Socket.io | Git | C | TypeScript.js |

1. I have completed upto my 10th STD in ‘The KPES English School’ at Bhavnagar, acquiring 67.3%tage.
2. I later joined Nachiketa Secondary and Higher Secondary School for my 11th and 12th STD here I acquired 72.9%tage.
3. Leaving date of Nachiketa School is 26/07/2021.
4. Languages I m fluent in Gujarati, Hindi, English.
5. Hobbies & Interests : Swimming, Football, Tennis, Table-Tennis, Golf, Basketball, Reading Classic literature books/Fiction Books, Creating new web-application for myself, playing Video-games on my PS5, Looking at new tech consisting of IOT based applications, brewing specialty coffee, exploring the countryside once in a while during the weekends.
6. I feel, my development in terms of personality/thinking wise has always been through my Father’s life. Not only is he a very inspiring person constantly working, constantly energized wanting to do productive things but also the way he created his pharmaceutical firm is just a miracle starting from nothing to being at the level it is right now, i also learned a lot from my events during my college years such as how much exposure is important and how leads and contacts help you in terms of placements/ recommendations.
7. I have always been deeply involved in different types of sports such like badminton, football, table-tennis, golf, swimming. And have acquired first or runners up position in badminton, football and swimming.
8. I want to pursue my master’s degree at Germany in Machine Learning because I find it quite interesting and the research part of things has always been my priority, even thou I have no background of machine learning or data science,

I m still not sure if I want to pursue Machine Learning or Deep learning or Neural Networks.

1. After completing my masters in Germany i want to start as a Junior/Senior Research Fellow at any good university in Germany/Finland/Switzerland/Sweden/Austria/Italy/Denmark as these have the best Research facilities and mostly all great research papers are originated from these country’s universities.
2. I have no such visions for the next 5-10 years because I feel I m privileged to have such good family background that I can explore as much as I want and try new things.
3. This master’s degree fits perfectly in my vision of life as I want to be in a big economical country in Europe because I want to experience the European dream also I m a big football nerd so once I m there I will surely be going to 1 league match per 2 weeks.
4. Personally I see that Europe is something I like because of its diversity, beautiful landscapes, diff and vast culture and the opportunities to do loads of things every summer, day to day.
5. I was about to choose Italy but due to its small economy in comparison to Germany and due to its real estate fiasco in mainland cities also for its bad automobile drivability, I later on hopped to Germany.
6. Germany has big economy, has good automobile market, no such real estate housing issues, good citizen policies, good future securities.
7. Germany has recently increased its IT industry bringing thousands of IT firms to the country and adding huge amount of courses regarding IT and Computer Science to its universities.
8. No studying CS or ML in Germany does not benefit when comparing with USA, CANADA, UK or Australia but the deciding factor like I said earlier is European culture and football along with the tourism.
9. I only have a basic overview of universities and courses in Germany.
10. TU munich
11. RWTH Aachen University
12. Technical uni of Darmstadt
13. Karlsruhe Institute Of Technology
14. LMU Munich
15. Technical University of Berlin
16. university of Bonn
17. university of Stuttgart
18. Ruhr University Bochum
19. University of Freiburg
20. University of Tübingen
21. humboldt univeristy of berlin
22. university heidelberg
23. FAU Erlangen
24. Deggendorf Institute of technology
25. University of Freiburg
26. university of Düsseldorf
27. Ansbach University of Applied Sciences
28. freie universitate berlin

I have little knowledge of the diff between technical universities and the FU ones. And the list is based on the qs rankings like I searched for the top 150 universities in Europe. So yeah not that much knowledge regarding this.

1. My father owns a pharmaceutical company and we are comfortable to the point where my parents can afford me going to Europe for my masters.
2. I have a cousin aunt in Germany but she is moving back to Indian in a couple of months, I have a very close friend ‘Vandan’ who is situated in Osnabruck, and is doing masters of science in Finance.
3. I m yet to discuss method of finance with my father but he is aware of how much it will cost. I m not sure what it will be self-funded or Education loan.