



# DISHA GOMES

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**GitHub:** [github.com/gomesdisha](https://github.com/gomesdisha)

**Design Portfolio:** Google Drive -  
<https://drive.google.com/drive/folders/1LIR8oFIbf82g-W50Rju4X4vgjirs0kOQ>

## Career Objective

A motivated Computer and Communication Engineering undergraduate with strong foundations in Operating Systems, Networking, DBMS, and Information Security. Currently learning and exploring cryptography, steganography, and secure system design through projects like AquaGuard. Seeking a Cybersecurity Development Internship to apply skills in ethical hacking, security engineering, and problem-solving while contributing to enterprise security initiatives.

## Education

- **Manipal Institute of Technology, MAHE, Manipal**  
B.Tech in Computer and Communication Engineering (2023 – 2027)  
**CGPA:** 7.02
- **Mahatma Gandhi Memorial College, Kunjibettu, Udupi**  
Pre University College (2021 – 2023)  
**Percentage:** 92.8 % [PCMCs]
- **Vidyavardhaka English Medium School [CBSE], Shirva, Udupi**  
Secondary Education (2011 – 2021)  
**Percentage:** 89.4 %

## Technical Skills

-**Languages & Scripting** : C++, C, HTML, Java, JavaScript, CSS, SQL, PowerShell, Python, Bash  
-**Frameworks & Tools**: MongoDB, Oracle, MySQL  
-**Design Tools**: Figma, Canva, Illustrator  
-**Others**: Git, GitHub, VS Code

## Certifications

- [GOOGLE Prompting Essentials \[COURSERA\]](#)
- [UI/UX Design Hands-On Workshop by Rablo.in \[UNSTOP\]](#)
- [Introduction to Front-End Development by Meta \[COURSERA\]](#)

## Projects

### 1) AquaGuard – Digital Watermarking & Copyright Protection System [Ongoing]:

Building a web-based security platform enabling invisible watermarking for images and PDFs. It will implement **AES-256 encryption, SHA-3 hashing, and LSB steganography** to ensure data confidentiality and integrity. It is designed secure user authentication system with password hashing and ownership verification.

Tech Used: Python, PostgreSQL/MongoDB, React.js, HTML, CSS, JS

### 2) Movie Booking System:

An OOP-based Java application that allows users to view movies, select showtimes, and reserve seats. Implements core object-oriented principles like inheritance, encapsulation, and abstraction.

Tech Used: HTML, CSS, JS

GitHub: <https://github.com/gomesdisha/MovieBookingSystem>

### 3) Astronomy Database:

A database management system project built using Oracle to manage data related to celestial bodies. Includes basic front-end interfacing using HTML and CSS.

Tech Used: Oracle SQL, HTML, CSS, TypeScript, Node.JS

GitHub: [https://github.com/gomesdisha/DBMS\\_PROJECT](https://github.com/gomesdisha/DBMS_PROJECT)

## Internships

- **Emergx – Marketing Intern – [Ongoing]** – My current role focuses on designing graphics for the social handles of the startup and helping them improve the engagement.

## Extracurriculars & Responsibilities

- **Tech Tatva '25 Core Committee – Social Media & Graphic Design** – [Currently working]  
– To design posters for the Socia Media pages
- **Graphic Designer – Management Committee** - Chords and Co.
- **Revels '25 Organizing Committee - Poster Designer** – Designed few official posters for Revels Cultural Fest 2025 (HFS, MIT Manipal)

## Interests

UI/UX Design, Frontend Development, Photography, Illustration, Graphic Design, Music (Guitar & Singing), Astronomy

## Languages Known

English, Hindi, Konkani, Kannada