

ARSHAD PASHA

arshadpashaintern@gmail.com | +91 7760554350 | Hunsur, Mysore, Karnataka

[Linkedin](#) | [GitHub](#) | [arshadpasha.tech](#)

SUMMARY

A passionate and results-driven developer, I thrive on building impactful solutions, showcased through a robust portfolio of 8+ full-stack projects across web, AI/ML, and cloud platforms. My journey includes certifications from Google Cloud, Infosys Springboard, and cybersecurity, underscoring my hands-on expertise in API integration, Vertex AI, and streamlining workflows with GitHub Actions. Beyond the code, I'm a proven leader in academic and tech initiatives, constantly driven by a love for innovation, open-source collaboration, and a commitment to continuous learning.

PROJECTS

[All Project Link's](#)

Criminal-Identification-System (Python, OpenCV, Face Recognition, Tkinter, SQLite)

[GitHub](#) | [Demo](#)

- Built a real-time facial recognition system with SMS alert integration (via Pushover) for automated criminal detection. Included three modules: Registration, Detection, and Live Video Surveillance. If a match is found in the SQLite database, the system triggers an alert with a sound notification and sends an instant SMS to authorities.

Library Management System (Python 'Flask', MySQL, HTML, CSS, JavaScript)

[GitHub](#) | [Demo](#)

- Developed a full-stack web application for managing library operations with features including user login, book/member CRUD, issue and return tracking, real-time search, and Excel export. Implemented secure password hashing and SQL injection prevention. Deployed using Railway with external MySQL database integration.

Chrome Extension - Personal Productivity Tool (HTML, CSS, JavaScript)

[GitHub](#) | [Demo](#)

- Developed a lightweight Chrome extension for daily productivity, built for personal use. Features include quick task notes, localStorage-based data saving, and instant popup interface for fast access. Designed to simplify routine workflows and boost daily efficiency inside the browser.

ElementMix ISRO Chemical Reaction Simulator (Python, JSON, API key)

[GitHub](#) | [Live Demo](#)

- Developed a chemical reaction simulator that accepts two reactants or a chemical formula as input and predicts the reaction and output. Integrated DeepSeek AI via OpenRouter API to analyze input and return balanced equations and explanations. Deployed on Render.com for public use.

Infosys Hackathon – SmartRecycle Platform (ReactJS, JSON, Python, MySQL)

[GitHub](#) | [Live Demo](#)

- Developed a fully functional web platform within 48 hours for a hackathon challenge, promoting eco-friendly behavior. Enabled users to request garbage pickup via a web interface, earn points for participation, and redeem rewards by claiming eco-friendly products. Backend data storage was managed efficiently using structured JSON files for rapid development and demo purposes.

Encrypt, Decrypt, Images Cybersecurity (Python, JSON, API key)

[GitHub](#) | [Live Demo](#)

- Developed an advanced GUI-based tool during my cybersecurity internship that integrates steganography to securely embed and extract encrypted text within images. Users can select a cover image, encrypt text with a custom key, hide it without visible quality loss, and later decrypt it with the correct key. This project enhanced my practical skills in image processing, cryptography, and secure data hiding techniques.

Degree College Website – Seshadripuram (Version 2) (HTML, CSS, JavaScript)

[GitHub](#) | [Live Demo](#)

- Recreated the official Seshadripuram College website for practice. Improved layout, structure, and animations to gain real-world frontend development experience.

INTERNSHIPS

Web Development Intern | Nexus Logic Technologies

March 2025 – May 2025

- Contributed significantly to web development projects, applying a strong understanding of modern web technologies.
- Demonstrated swift learning capabilities, quickly integrating new concepts and tools into project workflows.
- Maintained punctuality and a diligent work ethic throughout the internship.

Foundations of AI Intern | Edunet Foundation (Microsoft Initiative)

April 2025 – May 2025

- Successfully completed a 4-week program focused on the foundational principles and applications of Artificial Intelligence.
- Gained practical insights into AI concepts as part of a Microsoft initiative in collaboration with AICTE.

Full Stack Development Intern | Micro IT

April 2025 (1-Month Program)

- Successfully completed a 4-week program focused on the foundational principles and applications of Artificial Intelligence.
- Gained practical insights into AI concepts as part of a Microsoft initiative in collaboration with AICTE.

CERTIFICATIONS

Google Cloud :

- Build Multi-Modal GenAI Applications (Vertex AI)
- Explored Generative AI with the Gemini API in Vertex AI
- Google Cloud Skills Boost Profile: [Cloud Skill Boost Profile](#)

Infosys Springboard:

- OpenAI Generative Pre-trained Transformer 3 (GPT-3) for Developers (June 2025)
- Introduction to Artificial Intelligence (June 2025)
- Introduction to Data Science (June 2025)

Foundations of AI – Microsoft, Edunet Foundation, AICTE (May 2025)

RPA Developer Training – UiPath (2022)

Cybersecurity & Ethical Hacking – Kali Linux (Self-Learned, 2021)

YouTube Tech Courses (Various)

HACKATHONS

Infosys Global Hackathon :

July 11-12, 2025

- It was 2-day challenge, gaining insights into large-scale project execution and industrial workflows.
- Our team was selected online from many participants, showing strong project potential.
- Acquired new skills and practical experience in a real-time, competitive environment.

AITHON (AI Tools Hackathon) :

2024

- Participated in a college-hosted hackathon with **Digital Maven**, learning to leverage AI tools for web creation, image generation, research, and data analysis.
- Gained practical experience in using advanced AI capabilities to build comprehensive solutions.

Hindustan College Hackathon 2024:

March 22, 2024

- **First hackathon participation** where I developed a health and wellness [website](#).
- Gained valuable experience in competitive, time-bound project development.

SKILLS

- **Programming Languages:** Python, JavaScript, Java, C, C++
- **Web Technologies & Frameworks:** HTML, CSS, ReactJS, Flask
- **Database Systems:** MySQL, SQLite, MongoDB, Firebase, JSON (for data handling)
- **Cloud Platforms & AI/ML:** Google Cloud Platform (GCP), Vertex AI, Gemini API, TensorFlow, PyTorch, DeepSeek API, OpenRouter, Generative AI, Data Science Fundamentals.
- **DevOps & Version Control:** Git, GitHub, GitHub Actions, GitLab
- **Automation & RPA:** UiPath, Robotic Process Automation (RPA)
- **Operating Systems:** Windows, Ubuntu, Kali Linux, Arch Linux, Porteus Kiosk
- **Deployment & Hosting:** Netlify, Render.com, Railway, InfinityFree, 000webhost

LEADERSHIP & AWARDS

- **Education Vice-Captain – PU College**
- **Class Representative – Degree College (2nd Year)**
- **Open-Source Contributor :** Social Summer of Code (SSOC)
- **2nd Prize – Website Development Competition at PU Level**
- **1st Prize – Website Development Competition at Inter-College Fest (Degree Level)**

EDUCATION

Seshadripuram Degree College , Mysore
Bachelor of Computer Applications (BCA)
University of Mysore

2023 - 2026