

# ARSHAD PASHA

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## SUMMARY

Motivated **Full Stack Web Developer** with expertise in **Front-end** and **Back-end** development using **ReactJS**, **NextJS** and **MySQL**, along with strong skills in **Automation** and **cybersecurity**. Experienced in delivering **10+ real-world projects**, including **UiPath-powered RPA workflows**, expert use of **GitHub** and **GitLab** for **version control** (pushing code, managing repositories, and collaboration), and **secure applications with Encryption** and **Ethical hacking practices**. Certified in **Google Cloud**, **Infosys Springboard**, and **Cybersecurity**, with practical exposure to **Vertex AI**, **API integration**, and data-driven solutions. A proven contributor in **hackathons**, **open-source projects**, and **internships**, passionate about building scalable, automated, and secure digital solutions.

## REAL-WORLD PROJECTS

[All Project Link's](#)

### KIOSK OS – Automated Library Access System (2025)

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

- Built a Linux-based Kiosk OS to auto-launch and log in to the library management software, reducing repetitive manual steps.
- Added auto-refresh optimization for faster ID card scanning, improving efficiency for staff and students.

### Data Entry Automation with UiPath

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

- Built an OCR-powered automation bot using UiPath with Tesseract OCR + C#/VB.NET integrations.
- Automated extraction of text from uncopyable right-to-left data fields and transferred it accurately into structured formats.

### Library Management System

[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

[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.

### Encrypt, Decrypt, Images Cybersecurity

[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.

### Criminal-Identification-System

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

- 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.

### ElementMix ISRO Chemical Reaction Simulator

[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.

### My Degree College Website (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

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### **Artificial Intelligence and Data Analytics Intern**

**June 2025 - July 2025**

(AICTE, Shell India Markets Private Limited, Edunet Foundation)

- Completed a 4-week virtual internship focused on AI, Data Analytics, and "Green Skills".

### **Web Development Intern (Nexus Logic Technologies)**

**March 2025 - May 2025**

- Contributed to web development projects, demonstrating a strong understanding of modern web technologies.

### **Cyber Security Intern (Edunet Foundation, AICTE, IBM SkillsBuild)**

**Culminated June 2025**

- Contributed to web development projects, demonstrating a strong understanding of modern web technologies.

### **Foundations of AI Intern (Edunet Foundation - Microsoft Initiative)**

**April 2025 - May 2025**

- Contributed to web development projects, demonstrating a strong understanding of modern web technologies.

### **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.

### **Data Analytics Job Simulation (Deloitte Australia)**

**June 2025**

- Completed a comprehensive virtual experience, gaining practical exposure to real-world data analytics challenges.

### **Cybersecurity Virtual Experience Program (Deloitte - Forage)**

**June 2025**

- Gained hands-on experience in real-world cybersecurity scenarios and tasks, simulating the role of a cybersecurity analyst.

## CERTIFICATIONS

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### **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

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### **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) :**

- Learned to leverage AI tools for web creation, image generation, and data analysis to build

### **Hindustan College Hackathon 2024:**

- Developed a health and wellness website as a **first hackathon** project, gaining valuable experience in competitive, time-bound project development.

**Actively participated in multiple inter-college fests and coding events, gaining hands-on experience in competitive programming and collaborative problem-solving. [All Hakcthon Certifications](#)**

## SKILLS

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- **Programming Languages: Basics of** Python, JavaScript, **Java**, C, C++, VB, C# and .NET
- **Web Technologies & Frameworks:** HTML, CSS, **ReactJS**, Flask, **NextJS**
- **Database Systems:** MySQL, SQLite, JSON (for data handling)
- **Cloud Platforms & AI/ML:** **Google Cloud Platform** (GCP), Vertex AI, Gemini API, DeepSeek API, OpenRouter, Data Science Fundamentals.
- **Cybersecurity & Ethical Hacking:** **Kali Linux** (Self-Learned, 2021)
- **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

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- **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

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

2023 - 2026