

# ARSHAD PASHA

Full Stack Web Developer | AI/ML & Data Science Enthusiast

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## PROFILE SUMMARY

Motivated Full Stack Web Developer with strong expertise in front-end and back-end development, skilled in **ReactJS & Next.js**, and **MySQL**, with a proven track record of **building 10+ real-world projects**. **Experienced in managing 100+ repositories on GitHub**, showcasing expertise in **version control**, collaboration, and open-source contributions. Passionate about scalable and secure web applications, with additional exposure to AI/ML, cybersecurity, and RPA development. Active learner pursuing **BCA**, **Google Cloud Arcade program completer**, and **Google Ambassador**, with hands-on experience from internships, hackathons, and open-source contributions.

## TECHNICAL SKILLS

**Full Stack & Web Development:** HTML, CSS, JavaScript, ReactJS, Next.js, Flask, MySQL, SQLite, Git, GitHub, Netlify, Render.com, Railway, Vercel, ect..

**AI/ML & Data Science:** Python, Pandas, OpenCV, Vertex AI Basics, Gemini API, DeepSeek API, Generative AI, Data Science Fundamentals

**Cybersecurity & Automation:** Kali Linux, Robotic Process Automation (RPA), UiPath, Cryptography, Steganography, Network Security, Threat Analysis, Ethical Hacking

**DevOps & Cloud:** Google Cloud Platform (GCP), GitHub Actions, GitLab, Vertex AI

**Programming Languages:** Python, JavaScript, Java, C, C++

**Database Systems:** MySQL, SQLite, JSON (for data handling)

**Operating Systems:** Windows, Ubuntu, Kali Linux, Arch Linux, Porteus Kiosk

**Deployment & Hosting:** Netlify, Render.com, Railway, InfinityFree, 000webhost

## 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) :

- 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.

## SELECTED PROJECTS

A comprehensive portfolio of all projects is available on my [website](#) and [GitHub](#).

### Library Management System (Flask, MySQL, HTML, CSS, JavaScript)

- A full-stack web application with features for user management, book/member CRUD, and real-time search.
- Deployed the application on Railway, integrating with an external MySQL database.

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

- Engineered a real-time facial recognition system with an SMS alert integration for automated criminal detection.
- Designed and implemented a three-module system for Registration, Detection, and Live Video Surveillance.

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

- Created a GUI-based tool that uses steganography to securely embed and extract encrypted text within images.
- Enhanced practical skills in image processing and cryptography for secure data hiding.

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

- 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 inputs and generate balanced equations and explanations.

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

- Built a functional web platform in 48 hours for a hackathon, enabling users to request garbage pickup and redeem rewards.
- Showcased ability to rapidly develop a full-stack solution under time constraints.

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

- Engineered a lightweight Chrome extension to boost daily productivity.
- Implemented features for quick task notes and utilized localStorage for efficient data saving.
- Designed an instant popup interface, streamlining routine workflows and providing fast access to core functionalities.

## INTERNSHIPS & PROFESSIONAL EXPERIENCE

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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.

### 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.

### 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.

## EDUCATION

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Seshadripuram Degree College , Mysore

2023 - 2026

Bachelor of Computer Applications (BCA)

University of Mysore

## 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 GPT-3 for Developers, Introduction to AI, Introduction to Data Science

**Microsoft:** Foundations of AI (in collaboration with Edunet Foundation and AICTE)

**UiPath:** RPA Developer Training

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

**Deloitte:** Data Analytics Job Simulation

**Deloitte (Forage):** Cybersecurity Virtual Experience Program

## LEADERSHIP & AWARDS

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

