ARSHAD PASHA

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

arshadpashaintern@gmail.com   +91 7760554350   arshadpasha.tech   LinkedIn   GitHub

SUMMARY

A highly motivated and results-driven developer with a robust portfolio of over 20 projects in Full Stack Web Development, AI/ML, and Cybersecurity. Expertise in building scalable and secure web applications using technologies like ReactJS and Flask, while leveraging AI/ML frameworks such as TensorFlow and PyTorch for innovative solutions. Proven experience in competitive hackathons and open-source contributions. A fast learner with a comprehensive skill set across diverse IT domains and a passion for continuous learning.

TECHNICAL SKILLS

Full Stack & Web Development

HTML   CSS   JavaScript   ReactJS   Next.js   Flask   MySQL   SQLite   MongoDB   Firebase   Git   GitHub   Netlify   Render.com   Railway

AI/ML & Data Science

Python   Pandas   TensorFlow   PyTorch   OpenCV   Vertex AI   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   Docker

SELECTED PROJECTS

A comprehensive portfolio of all projects is available on my website.

- **Library Management System**
  Flask, MySQL, HTML, CSS, JavaScript

  - Developed a full-stack web application with features for user management, book/member CRUD, and real-time search.
  - Implemented secure password hashing and SQL injection prevention, enhancing application security.
  - 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, JSON

  - 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 – Chemical Reaction Simulator**
  Python, JSON, Gemini API

  - Developed a chemical reaction simulator that accepts inputs and predicts the reaction and output using the Gemini API.
  - 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.

INTERNSHIPS & PROFESSIONAL EXPERIENCE

- **Cybersecurity Virtual Experience Program**
  Deloitte (Forage)
  June 2025 - July 2025

  - Gained hands-on experience in real-world cybersecurity scenarios and tasks, simulating the role of a cybersecurity analyst.
  - Developed skills in identifying threats, performing risk assessments, and understanding compliance and governance.

- **Data Analytics Job Simulation**
  Deloitte Australia
  June 2025 - August 2025

  - Completed a comprehensive virtual experience, gaining practical exposure to real-world data analytics challenges.
  - Acquired foundational skills in data analysis, coding, and collaborative problem-solving within a professional services environment.

- **Web Development Intern**
  Nexus Logic Technologies
  March 2025 - May 2025

  - Contributed to web development projects, demonstrating a strong understanding of modern web technologies.
  - Integrated new concepts and tools into project workflows with a swift learning approach.

- **Artificial Intelligence and Data Analytics Intern**
  AICTE, Shell India Markets Private Limited, Edunet Foundation
  June 2025 - July 2025

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

- **Cyber Security Intern**
  Edunet Foundation, AICTE, IBM SkillsBuild
  Culminated June 2025

  - Completed a 6-week internship in Cyber Security, gaining hands-on experience in secure data handling techniques.

- **Foundations of AI Intern**
Edunet Foundation (Microsoft Initiative)
April 2025 - May 2025

  - Completed a 4-week program on foundational principles and applications of Artificial Intelligence.

EDUCATION

- **Bachelor of Computer Applications (BCA)**
Seshadripuram Degree College, University of Mysore
2023 - 2026

CERTIFICATIONS

- Google Cloud: Build Multi-Modal GenAI Applications (Vertex AI)
- 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

AWARDS & LEADERSHIP

- 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)

HACKATHONS

- **Infosys Global Hackathon**
July 11-12, 2025

  - Gained hands-on experience in large-scale project execution and industrial workflows during a 2-day challenge.
  - Demonstrated strong project potential by being selected from a large pool of

online participants.

- **AITHON (AI Tools Hackathon)**
  March 22, 2024
  - Learned to leverage AI tools for web creation, image generation, and data analysis to build comprehensive solutions.

- **Hindustan College Hackathon 2024**
  March 22, 2024
  - Developed a health and wellness website as a first hackathon project, gaining valuable experience in competitive, time-bound project development.