

OBJECTIVE

To leverage my technical skills in Python, Flask, and Django, along with my passion for building innovative web applications, to contribute as a Research Intern in developing impactful e-Governance solutions that enhance public service efficiency and accessibility.

WORK EXPERIENCE

Business Head

Aug 2023 - Feb 2024

TravelMe Ventures, Delhi

- Led cross-functional teams to achieve strategic business objectives, ensuring seamless collaboration and execution.
- Developed and implemented impactful campaign strategies, driving 36% growth in overall business performance.
- Curated and distributed engaging content across various digital platforms, including social media and digital advertising.
- Achieved a 15% increase in B2B business revenue within six months by identifying and leveraging market opportunities.

Marketing And Operations Intern

Jun 2023 - Aug 2023

TripGix, Delhi

- Executed day-to-day operational tasks, including scripting and creating compelling social media content.
- Partnered with graphic designers to produce visually appealing posts, enhancing brand visibility.
- Collaborated with the marketing team to execute strategies that boosted user engagement and follower count by 25%.

EDUCATION

Master of Science (M.Sc), Informatics

2024 - 2026

Institute of Informatics & Communication

B.Sc, Electronics and Computer Engineering

2021 - 2024

Rajdhani College

CGPA: 7.135/10

TRAININGS / CERTIFICATIONS

Postman API Fundamentals Student Expert

Nov 2024

Postman, Virtual

- CRUD with APIs
- API testing

Using Postman for API testing and integration

Google Cybersecurity Specialization

Jul 2024 - Aug 2024

Google, Virtual

- Proficient in identifying, assessing, and mitigating cyber threats
- Tools: Linux, tcpdump, Chronicle, Splunk, SIEM tools, Wireshark
- Languages: SQL, Python
- Frameworks: NIST CSF, NIST RMF, OWASP

IBM DevOps And Software Engineering

Sep 2024 - Nov 2024

IBM, Virtual

DevOps, Agile, and Scrum Expertise

- Cloud-Native Development:
  - Proficient in microservices architecture
  - Experienced in containerization (Docker, Kubernetes, OpenShift)
  - Skilled in serverless technologies
- Automation and CI/CD:
  - Expertise in automation tools (Chef, Puppet)
  - Proficient in CI/CD pipelines (GitHub Actions, Tekton, Travis)
- Programming Proficiency: Skilled in Python programming (functions, REST APIs, libraries)
- Agile and Scrum: Dedicated to Agile and Scrum methodologies for efficient software delivery
- Monitoring and Logging: Skilled in using Grafana and Prometheus for effective monitoring and logging.
- Security:Experienced in using Snyk and OWASP ZAP for vulnerability scanning and security testing.

PORTFOLIO

[Portfolio link ↗](#)  
[GitHub link ↗](#)

PROJECTS

[DevOps Capstone Project ↗](#)

- Nov 2024
- **CI/CD Pipeline Development:**
    - Automated testing with Python to ensure code quality
    - Implemented a seamless CI/CD workflow for efficient delivery
    - Developed and tested RESTful APIs for enhanced functionality
    - Utilized Docker, OpenShift, and Kubernetes for containerized deployments and resource optimization
    - Employed Kanban methodology for agile project management
  - **Demonstrated Skills:**
    - Proficiency in DevOps tools and practices
    - Ability to build, deploy, and manage robust applications
    - Strong understanding of automation, quality assurance, and scalability

[AI Text Summarizer App ↗](#)

- Nov 2024
- a full-stack AI text summarizer app using:
- Replit -
  - Node.js
  - Express.js
  - The Hugging Face API
- Postman for API testing and Integration

[E-Commerce store using Django](#)

- Dec 2024
- Developed a full-stack e-commerce platform using Django for managing products, orders, and user authentication.
  - Utilized Django ORM to define and manage relational database schemas, ensuring efficient and scalable data handling.
  - Designed and implemented features such as user registration, cart management, and order tracking to simulate real-world e-commerce workflows.
  - Integrated dynamic front-end features using JavaScript and ensured responsive design with HTML and CSS.

**Tech Stack: Python-Django, HTML, Tailwind CSS, JavaScript, HTMX**

[Chess Engine in Python](#)

- Dec 2024
- Designed and developed a graphical chess game using Python and the Pygame library, featuring an intuitive and interactive interface.
  - Implemented chess mechanics, including move generation, validation, and rule enforcement, ensuring compliance with official chess standards.
  - Developed an AI opponent using the minimax algorithm with alpha-beta pruning to simulate competitive gameplay.
  - Enhanced user experience with smooth animations, real-time updates, and visual feedback for valid and invalid moves.

SKILLS

- |                            |                 |                   |
|----------------------------|-----------------|-------------------|
| • Python                   | • C Programming | • C++             |
| • Linux                    | • SQL           | • Java            |
| • HTML, CSS                | • Kubernetes    | • DevOps          |
| • Flask                    | • GitHub/Git    | • Django          |
| • Tailwind CSS             | • Docker        | • APIs            |
| • CI/CD                    | • Postman       | • REST API        |
| • Terraform                | • JavaScript    | • Data Structures |
| • Web Application Security |                 |                   |

EXTRA CURRICULAR ACTIVITIES

- **Founder and President – Pragyan, Electronics Department Society (2023-24)**
  - Established and led the society to promote innovation and collaboration among electronics enthusiasts.
  - Organized a flagship two-day annual event featuring workshops, competitions, and expert talks, drawing over 500 attendees.
  - Coordinated a departmental trip to the CSIR-National Physical Laboratory, providing members with insights into advanced research and technology.
  - Demonstrated strong leadership by fostering a culture of teamwork, creativity, and continuous learning.
- **Head of Content Writing – Quanta-22, Research and Innovation Society**
  - Directed content development for Quanta-22, a prestigious quiz competition under the IQAC initiative.
  - Created intellectually engaging quiz questions and authored detailed event reports, ensuring precise documentation.
  - Delivered impactful speeches and presentations for various events, enhancing communication and audience engagement.