

SRIJIT ROY

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PROFESSIONAL SUMMARY

Data Science student with a strong foundation in Python programming, data analysis, web development, and Linux systems. Passionate about applying data driven approaches to solve real world problems and build efficient software solutions. Familiar with machine learning concepts, cybersecurity fundamentals, and networking, with a commitment to continuous learning and hands on project development.

EDUCATION

Indian Institute of Technology, Madras
Bachelor of Science in Data Science

January 2024 – Present
Chennai, Tamil Nadu, India

- Pursuing comprehensive curriculum in statistics, machine learning, programming, and data analytics
- Developing strong mathematical foundation for advanced data science applications

TECHNICAL SKILLS

- **Programming Languages:** Python, HTML, CSS, JavaScript, SQL, AWK
- **Data Science & Analytics:** Machine Learning, Statistical Analysis, Data Visualization, Pandas, NumPy, PyTorch
- **Web Development:** Frontend Development, Responsive Design, Web Applications
- **Systems & Tools:** Linux Administration, Git/GitHub, Command Line Interface
- **Cybersecurity:** Network Security, Security Protocols, Vulnerability Assessment
- **Networking:** TCP/IP, Network Configuration, Computer Hardware & Networking
- **Soft Skills:** Problem Solving, Analytical Thinking, Continuous Learning, Collaboration

PROJECTS & TECHNICAL EXPERIENCE

Portfolio Website | *HTML, CSS, JavaScript*

sainarc.com

- Designed and developed personal portfolio website showcasing technical projects and skills
- Implemented responsive design principles for optimal viewing across multiple devices
- Utilized modern web development practices for clean, maintainable code

Linux System Administration | *Linux, Bash, System Configuration*

- Configured and maintained Linux based systems for development and security testing
- Automated routine tasks using shell scripting to improve workflow efficiency
- Implemented security best practices and system hardening techniques

Python Development Projects | *Python, Data Analysis, Automation*

- Developed Python scripts for data analysis and automation tasks
- Built command line tools to streamline repetitive processes
- Applied object oriented programming principles for scalable code architecture

CERTIFICATIONS & ACHIEVEMENTS

- Proficient in Touch Typing with high WPM (Words Per Minute) accuracy
- Active contributor to open-source projects on GitHub
- Continuously expanding knowledge through self directed learning and online courses

ADDITIONAL INFORMATION

- **Interests:** Artificial Intelligence, Cybersecurity, Cloud Computing, Open-Source Development
- Strong ability to adapt to new technologies and solve complex technical challenges