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Career Summary:

- *System Engineer specializing in MPS, Print Management Software (e.g., Ysoft SafeQ, MyQ X, PaperCut), VMware ESXi, and IT infrastructure management.*
- *Proficient in IT troubleshooting, system optimization, Windows Server Administration, and MS SQL database solutions.*
- *Skilled in Python, Django, and blockchain development, with expertise in web applications and process automation.*

Objective:

- Dedicated System Engineer / IT Support Specialist with expertise in Managed Print Services (MPS), IT service management (ITSM), system optimization, and IT infrastructure development. Skilled in delivering scalable, efficient solutions and technical support.

Key Skills:

- **Managed Print Services (MPS)** and Print Management Software (Ysoft SafeQ, MyQ X, PaperCut, Ricoh RSI)
- **IT Service Management (ITSM)** and IT Support Troubleshooting
- **Windows Server Administration** and VMware ESXi
- **Database Management:** MS SQL, MySQL
- **Web Development:** Django, HTML, CSS, JavaScript, Web3.py
- **Blockchain Development** with Solidity and Python (Django, web3.py)
- **Data Analytics and Machine Learning:** PyTorch, NumPy, Pandas
- **Project Management** using Agile methodologies
- Robotics and Automation Projects (e.g., Autonomous Drone Development)
- **Version Control Tools:** Git, GitHub
- Custom Dashboard Development and API Integration

Academic Qualification:

- Bachelor of Technology (B. Tech) in Computer Science from Motilal Nehru National Institute of Technology Allahabad, India with CPI: 7.28 out of 10.00 (72.8%)
- HSC from Birshreshtha Munshi Abdur Rouf Public College with GPA 5.00 out of 5.00
- SSC from Lohagara Govt. Pilot High School with GPA 5.00 out of 5.00



Academic Projects:

- **Blockchain-Degree:** (github.com/aniksarakash/BlockchainDegree/)
A system for issuing and verifying degrees using blockchain technology.
Technologies Used: Solidity, Python (Django, web3.py), Rinkeby Test Network
- **SteganoGAN:** github.com/aniksarakash/steganoGANweb
High-Capacity Image Steganography with GANs.
Technologies Used: Python, HTML
- **Portfolio:** github.com/aniksarakash/Portfolio
A website showcasing UI/UX projects.
Technologies Used: HTML, CSS, JavaScript, MySQL
- **Advanced Tourist Guidance System:** <https://github.com/aniksarakash/Advanced-Tourist-Guide-System> A web app using Django and deep learning for sentiment analysis to aid travelers.
Technologies Used: Django, Python

Professional Certificates:

- **Enterprise Security – Bertelsmann (Udacity)**
Skills: Cybersecurity, Incident Response, Risk Management, Threat & Vulnerability Management, Secure Network Architecture, System Hardening, Encryption, Cryptography, Data Security, Compliance Auditing, Azure & Windows Security, Cloud Management, SIEM Monitoring, Threat Detection.
- **Google Data Analytics Specialization**
Skills: Data Aggregation, Analytics, Cleaning, Visualization, SQL, R
- **Google IT Support Specialization**
Skills: Networking, Customer Service, IT Support, Security, Troubleshooting
- **Google IT Automation with Python Specialization**
Skills: Python, Networking, IT Support, Security, Troubleshooting
- **Google UX Design Specialization**
Skills: Usability Studies, Figma, Adobe XD, Prototyping, UX Research
- **Google Project Management Specialization**
Skills: Agile, Budgeting, Communication, Process Improvement, Risk Management.

Extra Curriculum Activities: Member: Programming Club & Robotics Club

1. Project: Pragati - Surveillance & Rescue Drone

- Developed and deployed an autonomous drone for surveillance and rescue missions.
- Implemented advanced computer vision techniques for obstacle detection and navigation.
- Integrated real-time data transmission for live monitoring and control.
- Enhanced drone capabilities with AI-based decision-making for rescue operations.

2. Project: Advanced Line Following Robot

- Designed and constructed a robot capable of following intricate paths with high precision.
- Implemented sensor-based navigation and control systems to ensure accurate line tracking.
- Conducted extensive testing to optimize performance across diverse environments.
- Contributed to automation processes in robotics competitions and practical applications.

Professional Development: Actively participated in industry seminars and events, gaining insights into emerging technologies, IT trends, and best practices while networking with industry leaders and subject matter experts.

Volunteer Experience:

- Volunteered with various organizations, distributing warm clothes in winter, providing clothing for special occasions, & organizing community meals for street children, slum dwellers, & community clubs.
- Organized and managed blood donation drives, ensuring efficient operations, recruiting donors, and promoting the importance of blood donation both within the organization and the wider community.

Soft Skill: Teamwork, Leadership, Negotiation, Influencing, Communication, Persuasion, and Inspiring Others.

Computer Skills:

- **Programming Languages:** Python, C, R, Solidity, PHP
- **Web Development:** Django, HTML, CSS, JavaScript, Web3.py
- **Database Management:** MS SQL, MySQL, Postgres
- **Server Management:** VMware ESXi, Windows Server Administration
- **Data Analytics and Machine Learning:** PyTorch, NumPy, Pandas
- **IT Tools:** Microsoft Office Suite, IT Service Management (ITSM) tools
- **Version Control:** Git, GitHub
- **Others:** API Integration, Automation with Python

Language: Fluent in Bengali, Hindi and English (IELTS Overall Band: 7).

Signature:

Date: