

Nirmalya Mondal

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Education

Midnapore College

Bachelor of Science in Computer Science (CGPA: 7.21 / 10.00)

2018 – 2021

Midnapore, West Bengal

Experience

Infosys || Senior Systems Associate

Feb 2022 – Present

Clients - Syngenta, Ely Lilly, Mercedes

Bhubneshwar, Odisha

- Developed and implemented VB scripts automating manual processes, resulting in a **40%** reduction in errors and saving **15+** hours per week.
- Identify documents, report, manage defects, issues found during testing using **ServiceNow** and **Jira**.
- Conducted **regression testing** verifies recent code changes, ensuring they didn't introduce defects or harm existing functionality.
- Implemented cloud-based testing achieving a **40%** reduction in testing time and increased test coverage by **25%** through scalable and collaborative processes.

Skills

Languages: Java, HTML, CSS, VB Script, SQL

OS : Linux, MacOS, Windows

Framework: Github, Git, Automation, Shell, React, SAP, Jira, ServiceNow, MS Office, SAP, Selenium

Concepts: Agile Methodology, Cloud Computing

Cloud : AWS

CI/CD Tools : Jenkins, Circle CI, Docker, Kubernetes

Soft Skills: Analysis & Consulting, Problem Solving, Time Management

Projects

DevOps Project | HTML5, CSS, React, Bootstrap 5, Figma, Cloudflare, Docker, Jenkins, CodeQL, CI/CD

- Utilized **Jenkins, Git, CodeQL and Docker** for automated CI/CD pipelines and configuration management, leading to a **40%** boost in deployment speed and heightened infrastructure reliability.
- Implemented **DevOps** practices, integrating **Docker, Jenkins, and Git** to establish automated **CI/CD** pipelines, fostering seamless collaboration and ensuring consistent, **high-quality** software releases.
- Revamped **UI** design process by implementing **Figma** as the primary design tool & reduced handoff time by **50%**.
- Streamlined website loading times by optimizing code, resulting in a **40%** decrease in bounce rate and an **18%** increase in average session duration.

Raspberry Pi Home NAS System | Cloud Infrastructure, Cloud, Docker, Domain Name System(DNS), Bash, Raspberry Pi

- Designed and implemented a secure **NAS** system using **Raspberry Pi, Casa OS, Tailscale & NextDNS** achieving a **30%** improvement in data storage security..
- Enhanced network privacy with **Tailscale** VPN and **NextDNS** for encrypted communication and protection against malicious activities.
- Implemented strong user authentication to control access and prevent unauthorized entry.
- Customized solution for networks, ensuring secure data storage and efficient network management.

Achievements

- Achieved **2** well-deserved promotions within a span of **12 months** demonstrating exceptional performance and consistent contributions to project success.
- Demonstrated expertise in managing scripts within Jira, streamlining the tracking and execution of **100%** test cases.

Participation

- Submitted **10+** pull requests to **GitHub** in October as part of the completion of the **Hacktoberfest 2023** challenge by Digital Ocean.