AJAY R

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SUMMARY

System Engineer with over 2 years of experience, transitioning into a Web Developer role. Skilled in front-end technologies, especially React.js, JavaScript, and web application development. Motivated to leverage IT experience for creating dynamic, user-focused web applications.

WORK EXPERIENCE

System Engineer,Tata Consultancy Services - Chennai   **July 2022 - Present**

- Worked on Azure Portal to Renewing secrets, creating enterprise application, and configuring SSO and MFA for secure authentication and Provisioning access to resources via PIM (Privileged Identity Management) and IAM.
- Managed Active Directory (AD) operations, including AD/DNS modifications, AD group/user access provisioning, and troubleshooting AD health check issues.
- Managed IIS Web Server operations, including hosting websites, binding certificates, enabling HTTPS, and managing application pools.
- Utilized PowerShell scripts for various automation tasks, including code signing and server maintenance.
- Executed SSL certificate creation and managed Azure secret renewal processes, ensuring secure communication channels.
- Managed ticketing systems (ServiceNow) for internal clients and JIRA for Task Management.
- Handled DHCP server management, including scope creation, reconfiguration, and reviewing DHCP scope statistics.
- **Process Improvement:**
  - Automated data extraction of Owner, Mail, and Dept./Title for the SharePath Migration project using PowerShell, reducing manual effort from 35 to 0.31 hours, minimizing errors, and speeding up AD data retrieval from 8 minutes to seconds.
  - Developed a PowerShell script for Server Health Checks, monitoring CPU, RAM, Disk Space, Patch status, and Reboot needs, with automated email reports, reducing manual effort, enabling real-time monitoring, and improving efficiency in addressing server issues.

SKILLS

- **Frontend**:HTML5, CSS3, React.js,Javascript
- **API**:Axios
- **Cloud & System Management**:Microsoft Azure Portal
- **Scripting & Automation**:Microsoft PowerShell

ADDITIONAL INFORMATION

- **Languages**:English, Tamil
- **Certifications**:
    - Azure Fundamentals(Microsoft)
    - React 18 Course 2024(Udemy)

INTERNSHIP

- **Frontend Developer Intern**   **July 2020 – September 2020**

  Megam Solutions — Chennai

  Developed and maintained web pages using **HTML, CSS, JavaScript,** and **Bootstrap**.Enhanced user interface elements for responsive and user-friendly designs.Assisted in debugging and optimizing code to improve website performance and accessibility.

- **Web Developer Intern**   **April 2021 – June 2021**

  Ciarpro Tech Pvt Limited — Chennai

  Created a **task management scheduler** using HTML, CSS, JavaScript, **PHP/MySQL**, and **Apache Tomcat with XAMPP**, featuring task categories, statuses, **role-based access**, and optimized database management for streamlined task tracking and efficient web performance

- **Machine Learning Intern**   **February 2022 – May 2022**

  Infosys — Chennai

  Built a **machine learning model** in **Python** to **predict population trends** using historical data. Focused on data preprocessing, model training, and evaluation, gaining experience in **data analysis** and forecasting population growth with real-world datasets.

EDUCATION

Bachelor Of Information Technology   **2018-2022**

PANIMALAR INSTITUTE OF TECHNOLOGY (PIT),Chennai
- CGPA:8.6/10