Prerana P

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Results-driven Automation Developer and DevOps Engineer with over 3+ years of experience, specializing in automation and backend development. With a strong foundation in both front-end and back-end technologies, I have dedicated approximately 1.5 years to backend engineering for a tax-based client, delivering robust and efficient solutions. The remainder of my career has been focused on full stack development, Automation, and DevOps, where I have successfully streamlined processes and enhanced system performance. My diverse skill set and commitment to excellence make me a valuable asset in driving technological innovation and operational efficiencyExperience

2023/06 – PRESENT

Software Engineer/Expleo Solution Limited, Bangalore, KA

Project 1: Full Stack Development (Jun 2023 – Jan 2024)

- Developed and implemented an internal role-based tracking system utilizing React.js, Node.js, and MySQL., providing a comprehensive tool for project management and task tracking.
- Optimized SQL data operations to improve database performance and enhance query efficiency.
- Led a team of 3 developers and 2 testers, ensuring efficient task completion and quality delivery, fostering a collaborative and productive work environment.

Project2: Automation | Devops (jan 2024 –Present)

- Automated workflows using Jenkins pipelines powershell scripting, optimizing processes by 60% and reducing manual efforts significantly.
- Generated analytical reports in HTML using JavaScript, CSS, and HTML for enhanced accessibility.
- Collaborated with the analytics team to design KPI dashboards using Power BI, driving data-driven decision-making.

AUGUST 2021 – MAY 2023

Associate System Engineer /Tata Consultancy Service, Chennai

- Collaborated in Agile sprints to ensure timely and efficient project delivery.
- Automated file generation workflows using Bash scripting and SQL to streamline processes, reducing manual workload and minimizing errors.
- Developed secure XML transmission protocols to the IRS, ensuring compliance with federal data security standards.

Skills

Primary Skill: Python, JavaScript, PowerShell/Bash Scripting, Rest API, SQL, AWS Architecture AWS (S3, Lambda, VPC, EC2), DSA, Jenkins(CI/CD)

Secondary Skill: Git, BitBucket, Docker, Kubernetes, PowerBI, Java, c++

Education

AUGUST 2021

Bachelor of Engineering / Shri Madhwa Vadiraja Institute of Technology and Management, Udupi, KA

Certifications

- AWS Solution Architecture Associate (2025-2028) (AWS Training and Certificate)
- DevOps (Udemy)
- Power BI (Udemy)
- Python (Udemy)
- IT Administration (Coursera)
- JPMorgan Chase & Co. Job Simulation (2024) & Walmart Global Tech Software Engineering Job Simulation (2024)((Forage)

Languages

- Kannada
- English
- Hindi
- German(Begginer)

Activities

Reading • Cooking• Art • Yoga • Travel