Chetan Rajpal

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PROFILE SUMMARY

DevOps Engineer with over 4 years of experience specializing in AWS and other cloud services. Proficient in designing and implementing infrastructure, managing data backups and restores, and transforming requirements for cloud infrastructure services. Strong knowledge of AWS architecture and DevOps, with proficiency in Terraform / AWS CloudFormation, GitHub Actions, Python, Node JS, Unix/Linux, Datadog, PM2, Crowdstrike and Splunk. Strong analytical, problem-solving, and decision-making skills. Familiar with horizontal and vertical scaling, auto-scaling configurations based on resource utilization. Able to work effectively in a dynamic, fast-paced environment.

HIGHLIGHT OF SKILLS

- Experience with Cloud migration and pre-requisite enablement requirements.
- Strong interpersonal, oral, and written communication skills; great sense of humor.
- Team player prioritizing team interests; able to collaborate across channels.
- Recognizes opportunities for improvement in day-to-day work; takes appropriate actions to complete tasks.
- Excellent analytical, problem-solving, and decision-making skills; pays attention to details.
- Uses strong management skills to enhance work ethic; highly motivated individual able to manage multiple projects/accountabilities.

TECHNICAL SKILLS

- **Operating Systems:** Linux, Windows, Macintosh.
- **Programming Languages:** Python, Node JS, Java, JavaScript (including ReactJS), C, C++.
- **Cloud Services:** AWS (S3, Cloudfront, EKS, ECS, SQS, Lambda, EC2, DynamoDB, RDS (Aurora, MySQL, Postgres)).
- **DevOps Tools:** Terraform, AWS Cloudformation, Github Actions, PowerShell, Kubernetes, Docker, Git, CI/CD, Jenkins.
- **Other Tools:** Bash, Samba, Shell Scripting, Apache, Virtualization, VMware, Datadog, PM2, Crowdstrike, Splunk.

WORK EXPERIENCE

OrderGrid Inc. - DevSecOps Engineer   **07/10/2023 – Present**

- Currently working on a project to rearchitect the company's AWS structure and segregate Dev, Stage, and Prod environments from scratch.
- Administering technology for the build/deploy pipeline and ensuring proper security controls.
- Assisting in the deployment of application code delivered by the development team, monitoring, assessing, and performing application vulnerability scans.
- Assisting in secure solutions that prepare for the current threat landscape and support ongoing business objectives.
- Working closely with ISS & Engineering teams to review architectural specifications and low-level design documents.
- Proactively identifying security risks and escalating accordingly.
- Updating Protective Monitoring/SOC documentation, processes, and procedures as required.

York University, Toronto - Research Assistant/ DevOps Engineer   **06/2022 – 09/2022**

- Collaborated on infrastructure design and implementation for a digital currency project, focusing on data backup and transformation requirements.
- Enhanced miner geolocation using APIs and integrated mappings on the project website.
- Developed CI/CD pipelines using GitHub Actions, facilitating efficient deployment of Docker container images to AWS EKS and AWS S3.
- Created reusable components for data pipeline frameworks and ensured scalable, redundant, and recoverable production-grade cloud environments.

Cyient - DevOps Engineer   **04/2018 – 09/2020**
- Engineered Docker containers to facilitate Microservice Architecture and orchestrated clusters using Docker Swarm.
- Developed automated deployment pipelines utilizing Jenkins and Github Actions.
- Implemented monitoring systems like Datadog and CloudWatch ensuring optimal application performance.
- Collaborated with development teams to optimize the SDLC and enhance deployment efficiency.
- Administered cloud infrastructure on AWS; conducted security assessments; ensured system/data confidentiality, integrity, and availability.

Agile Softech Pvt Ltd - Frontend Developer   **03/2017 – 03/2018**
- Developed user interfaces utilizing React.js; collaborated with designers for responsive web designs.
- Wrote optimized code adhering to modern JavaScript practices; enhanced web application performance for improved user experience.
- Integrated APIs for backend data retrieval; communicated technical solutions effectively to stakeholders.

EDUCATION
Post-Grad Certificate Backend & Blockchain Development
06/2022
York University, Toronto
Relevant Courses – Fundamentals of Blockchain, applications of Blockchain, Server-side Programming (Node.JS), Database Design (MongoDB, MYSQL), DevOps and Development

Post-Grad Certificate Cyber Security
04/2021
Centennial College, Toronto
Relevant Courses – Cyber Forensics, Ethical Hacking, Cyber Attack and Defense, Cloud Security and E-commerce & Web Security.

Bachelor of Technology, Electronics and Communications Engineering
06/2017
Jaypee Institute of Information Technology, India

CERTIFICATIONS
Cyber Security and Cyber Forensics Certificate
08/2017
Certified Internship at Radars and Communication Department of BEL
08/2016
Signaling and Communication Department of DMRC Certificate
01/2016