

Vrushali Phaltankar

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EDUCATION

Master of Science in Information Systems | Northeastern University, Boston, MA **Expected June 2024**
Bachelor of Engineering in Computer Science | Rajiv Gandhi Technological University, India **May 2017**

TECHNICAL SKILLS

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|-------------------------------------|---|
| Programming Languages | Java, Python, Shell, HTML, CSS, JavaScript, TypeScript |
| Web Frameworks and Libraries | Spring Boot, React.js, REST, Angular, Node.js, Express.js, Bootstrap, Hibernate |
| Databases | MySQL, MongoDB, PostgreSQL, DynamoDB, Redis. Elasticsearch, Couchbase |
| Software/Tools | Docker, Kubernetes, Git, Jenkins, Datadog, Ansible, Grafana, Kafka, Splunk, Linux |
| Cloud | AWS, Azure, GCP, CI/CD, Git, GitHub Actions, Packer, Terraform |

WORK EXPERIENCE

Site Reliability Engineer Co-op | SS&C Intralinks, Waltham, MA **Jul 2023 – Jan 2024**

- Orchestrated the deployment and administration of 10+ Linux (RHEL) servers, maintained patching and fine-tuning of SS&C Infrastructure using **Ansible** and **Terraform** to achieve a notable 70% decrease in manual upgrades
- Built **CI/CD pipelines** with Jenkins, using Bash to automate resources within **Kubernetes** cluster
- Developed Python scripts for automated fault detection, performance, and service uptime **monitoring**
- Utilized **Splunk** monitoring, AWS CloudWatch, **Lambda** and Python logging to set up alarms and notifications, scale instances up and down, maintaining robust monitoring and alerting systems

Technology Engineer | Amdocs Development Centre Pune, India **Nov 2019 – Aug 2022**

- Developed a full-stack **E-Commerce** site, implemented **CI/CD pipelines using Jenkins** with pluggable components using Java, **Spring Boot** encapsulating 10s of millions of data points ensuring data security
- Achieved efficiency in project staffing and collaboration by abstracting scalable microservices behind clear interfaces using Spring Boot, Java applying **OOPS concepts**
- Implemented a **real-time data streaming** solution using **Kafka** to enable efficient and reliable communication between microservices, resulting in 30% reduction in message processing latency and improved system scalability
- Developed a fault-tolerant distributed system with Apache ZooKeeper, reducing downtime by 40% and ensuring seamless communication among components for reliability and availability

Software Engineer | Accenture Solutions Mumbai, India **Jun 2017 – Oct 2019**

- Improved data exchange efficiency with development of HTTP and **RESTful APIs** using **Spring Boot** and **kafka**, facilitating seamless integration with external systems and enhancing communication between various platforms
- Enhanced budget structuring and payment processing with Java, and **DataDog**, achieving 25% improvement in budget accuracy for insurance operations
- Implemented OAuth, JWT, and TLS encryption for enhanced security of financial transactions, alongside **REST** and **SOAP** API versioning and rate limiting for a 20% performance boost

PROJECTS

[ProductFolio Application](#) | *Spring Boot, Java, MySQL, Hibernate, Packer, Terraform, AWS, GitHub Actions*

- Crafted Product Manager App with **Spring boot** and **Hibernate** for **MySQL**, enhancing product management
- Executed **CI/CD** with **GitHub Actions**, integrating **JUnit** for testing and **Packer** for AMI creation, reducing deployment times by 60% and bugs by 25%, streamlining development and deployment
- Augmented **AWS** infrastructure (**EC2, Route 53**) with **load balancing**, **auto-scaling**, CloudWatch, **SSL certificates**, and **S3** for GitHub downloads via **Terraform**, doubling user load capacity by 80%

[Food Inventory Management](#) | *Java Swing, MySQL*

- Engineered a **Java Swing application** architecture, enabling robust data handling and user interaction within the Food Donation System, ensuring scalability and maintainability
- Leveraged Java's features to establish secure communication channels between different agencies involved in the food donation ecosystem, ensuring integration with **SQL databases** to guarantee data integrity and confidentiality

[eLearning Application](#) | *NodeJS, ReactJS, MongoDB, Express, Redux*

- Crafted a cutting-edge web application utilizing MongoDB for data storage and Express.js for creating RESTful APIs
- Utilized React.js to build a dynamic and responsive front-end, enhancing the user experience of the web application

CERTIFICATIONS

- [AWS Certified Solutions Architect Associate](#)
- [Microsoft AZ-900 Azure Fundamentals](#)