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**EMPLOYMENT**

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**Consultant**

**Deloitte USI**

**Sep 2021 – Feb 2024**

- As a full-stack developer, I contributed to the development of "Cloud Monitor," an internal project designed to enable users to monitor and manage resources across multiple AWS and Azure cloud accounts through a unified portal. I utilized React JS to build the portal, concurrently establishing essential APIs and cronjobs on AWS for collecting service details and maintaining the dashboard.
- **HPE:** As a Java full stack developer, I developed features and improved performance for the Services CPQ application.
- **VMWare:** Worked as a Java microservices developer for the Payments POD team at VMWare Cloud Services
  - I worked on a microservice architecture with approximately 30 microservices based on Java that were running on Kubernetes for handling payments.
  - Developed multiple microservices from scratch using Spring Boot for Payment management.
  - Developed a logging system to gather logs from all microservices and store them in a MongoDB collection. Utilized RabbitMQ to buffer logs between a producer and a consumer. Also developed the necessary APIs to fetch the logs from the MongoDB collection index.
  - Worked on microservices that migrate data between Oracle and MySQL tables using RabbitMQ to achieve low latency. Migrations could be scheduled or triggered manually.
  - I addressed and resolved any problems related to payments and microservices deployment on Kubernetes.

**Project Engineer**

**Wipro**

**June 2019 – Sep 2021**

- Worked as a part of a team that makes DevOps tools and services available to users across BT.
- Developed multiple Spring Boot microservices and deployed them to a microservices cluster in Docker Swarm to provision user-requested services. Used Apache Kafka for receiving order requests via a messaging queue.
- Using React JS, I created dashboards to display tool and service metrics for the team, management, and leadership.
- After completing CI/CD, I deployed dashboards and microservices using Spring Cloud and Docker Swarm.
- As part of my responsibilities, I have experience working with various DevOps tools including Jenkins, SonarQube, ELK, Nexus, Nexus IQ Server, Jira, and GitLab CI.
- Wrote many Python scripts to maintain the stability of the tools and to automate long-running processes.
- I led the team to successfully migrate our microservices from Docker Swarm to Pivotal Cloud Foundry, resulting in improved scalability and management.

- Proficient in utilizing AWS services such as EC2, S3, RDS, Lambda, Dynamo DB, Cognito, and API Gateway, for building and deploying scalable applications.

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#### LANGUAGES AND TECHNOLOGIES

- Programming Languages - Java, JavaScript, SQL, Python, C, C++
- Database – MySQL, Oracle, MongoDB
- Frameworks and Libraries - Spring Boot, Spring Cloud, Spring Security, React JS, React Native, SAP Hybris, Hibernate, Angular, Junit and Mockito
- Tools – RabbitMQ, Apache Kafka, Jenkins, SonarQube, Nexus, Nexus IQ Server, Jira, Gitlab CI, Git, Maven
- Cloud and Containers – AWS, Docker, Kubernetes, Docker Swarm, Firebase, PCF
- Others –Stripe Payment Gateway

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#### EDUCATION

<b>Tamil Nadu, India</b>	<b>Anna University, Chennai</b>	<b>Aug 2015 – April 2019</b>
<ul style="list-style-type: none"><li>• B.E. in Computer Science and Engineering.</li></ul>		

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#### OTHER PROJECTS

- Developed Amazon Clone, LinkedIn Clone, Spotify, WhatsApp, Tic Tac Toe, and Sorting Visualizer using React JS and deployed those on GitHub and Firebase.
- **Portfolio:** <https://aearavindh.github.io> **GitHub:** <https://github.com/aearavindh>

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#### ACHIEVEMENTS

- Consistently delivered high-quality work and received a Spot Award and an Applause Award from Deloitte USI for the same.
- I was honored to receive the Excellence Award twice for my exceptional performance in a quarter at Wipro.
- Certified as a Java Full Stack Developer after completing training and a capstone project called "Diet Management System" using Java Spring Boot and React JS with Wipro.