

Marven Parmar

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HIGHLIGHT OF SKILLS

- Over 3 years of **Software Development** Experience, specializing in Software architecture, Microservices, REST API development, and designing scalable and resilient systems.
- Proficient in **Cloud Solution Development**, actively engaged in Microsoft Azure, Amazon AWS, CI/CD Pipeline setups, Containerization, and orchestrating deployments.
- Demonstrated **leadership** capabilities by spearheading the planning and execution of **ETL pipeline** implementation and backup strategy for a user web application.

TECHNOLOGIES

- **Languages:** JavaScript, TypeScript, Java, Python, HTML, CSS, SQL, Bash, PowerShell.
- **Frameworks & Runtimes:** Express.js, React.js, Node.js, GraphQL, Next.js, Django Rest Framework, SpringBoot, Java EE, Flask, Fast API
- **API Development & Testing:** REST API, GraphQL, End-to-End Testing, Regression Testing, A/B Testing
- **Databases:** Postgres, MongoDB, SQL Server, Oracle Database, Dataverse
- **DevOps and Other Tools:** Azure DevOps, Azure Functions, GitHub, AWS-EC2, AWS Lambda, Docker, Kubernetes, PowerApps, Dynamics365, Power Automate, PowerBI

WORK EXPERIENCE

Full Stack Solutions Developer Lantern Capital, Mississauga, ON - May 2023 to Present

- Planned and developed a **REST API**-based Data integration service in JavaScript to extract data from a SQL database and automate seamless data transfer and integration between systems.
- Participated in multiple projects gathering Software requirements, Development, Maintenance and Testing.
- Engineered a **microservice** with Typescript and Express.js to calculate payment schedules for clients and brokers, accommodating extensive **business logic** including factors such as skip payments, commission, net profit **saving almost 7-15 minutes** on each deal preparation.
- Integrated Lender Application API on PowerApps with JavaScript Express.js based microservice to parse and send Applications through REST API reducing the time for **submission from 4 minutes to 30 seconds**.
- Architected multiple Lambda **Functions** with PowerShell & JavaScript to perform Containers and VM management, data cleanup and data archival enhancing 30% reduced use of unnecessary Cloud Resources.
- Successfully designed SharePoint and Azure Blob Storage based file system support for ExpressJS based Web application and microservices.
- Implemented a webhook notification system in React with Express.js in JavaScript, enhancing real-time communication and user engagement for web applications.
- Organized and transferred all microservices from Docker to Azure Container Registries with continuous Deployment through GitHub Action.
- Built a **CI/CD pipeline** using Azure Container Registry (ACR), Jenkins, and GitHub to streamline the deployment process of a web application across developer, QA, and production environment.
- Worked in Agile Environment, Managed Azure resources, IAM Access Policies, GitHub repositories, and weekly retrospectives for sprint evaluations, with **full responsibility for these areas**.

Software Engineer Shyena Tech Yarns, Pune, India - Feb 2021 to Feb 2022

- Modernized search component with **elastic search** on **Django REST Framework** in Python with Postgres database which increased search time efficiency by 60%.
- Designed microservice on Flask with python to calculate accurate location by using ArcGIS, Google Map API and custom Addresses database resulting in **30% location determination accuracy**.
- Developed dynamic notification system with a custom RabbitMQ based scheduling queue and **AWS SES** to provide rich App Experience to Users.
- Implemented role-based authorization for **S3 bucket AWS** to work as a secondary storage and **SFTP through FileZilla** for In-App Users to manage large file source to feed to Analytics AI.

- Managed deployed web applications on **Kubernetes** environment and replicated environment for UAT.

Education

Computer Software and Database Development

2022 To 2023

Post Graduate Diploma, Lambton College, Toronto ON

Information Technology

2016 To 2020

Bachelor of Engineering, A.D. Patel Institute of Technology

Certification

Microsoft Azure Fundamental

2024