

PATHIK SHAH

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PROFILE

- Highly accomplished, versatile, technology expert offering more than 20+ years of experience
- Offer strong background in planning, design, development, and implementation of cloud-based IT solutions.
- Storing organization, analytical, technical, and following through capabilities. Dynamic problem solver with provide effectiveness in identifying system inefficiency
- Hands on experience on various tools and technologies and lead the team from front
- Architect and technical lead for OCC flight operation team.
- Create Architect Diagram, Conceptual, logical, and physical and get approval from enterprise solution board.
- Advisor to developers to establish implementation pattern with working POC.
- Proven success in implementing large systems, delivering exceptional customer service, and maximizing profitability.
- Awarded best team in 2 different organization (NWA and Patni) on first year of services and Delta Chairman's club Nominee

CAREER TRACK

Delta Air Lines, Minneapolis MN

Advisory Developer / Cloud Architect. Jan 2022 to Present.

Senior Software Developer. June 2008 to Jan 2022

Delta AWS ZULU Project

- **DENIM** : This is In-house project for mission critical application with multi region active-active solution utilizing AWS DynamoDB , Lambdas , code Pipeline and native AWS resources. Hands on Experience End to End migrate and modernize ZULU work stream, Contributed CCoE team to establish automation. Implemented CCoE POC to working solution for team to build upon.
- **FICON ZULU** : This is modernize AWS project , writing existing application on 12 factor cloud native application. My role is technical lead for the project to guide the team with Delta standards and guardrail, I also act as Developers and working on AWS implementation of creating AWS Lambda Functions, Code Infra and app Pipelines other AWS functions to support application.
- **Weather Image Generator ZULU**: This is migrating AWS project, where we lift and shift existing on premise application to EC2 instance, my role is SME for the project and responsible setting up entire project including Custom COTS products.

Meteorology Team

- Develop, Enhance and Support wide verity of application for Delta Metrology Departments , that includes Data gathering , processing and distributing products to other systems.
- Created a modern RESTful API that provides Weather data to any consumer in the Delta enterprise. This Java Spring Boot project is deployed to RedHat's OpenShift environment and proxied through our enterprise API gateway. This API is capable of at least 36,000 interactions per hour and horizontally scalable as growth requires.

Flight Planning Team

- **NOTAM and COMM HUB** :: This is vendor product NOTAM and Communication hub for OCC operation, I started as senior developer to installed app to SME for the application, I also get involved and manage License with Vendor and provide active input and negotiation to supply chain including custom SOW (Statement of Work) .
- **NWA WorldFlight and Flight Planning** :: After NWA-Delta merger , supporting connection carrier with flight planning and flight following tools , develop in-house tools to make user day to day job easy with more accuracy.
- **Operations Management System (OMS)**: Work as developer and wrote algorithm to figure out correct IROP flight segments.
- **DUI – Dispatch User Interface**: This is in-house flight planning interface application develop in VC++.

SunGard Offshore services (India), Pune India — Sr Software Engineer. May 2006 – Feb 2007

- Part of core development team of financial adaptive product. Had technical ownership of many modules.

PATNI Computers, Pune, India, — Senior Developer. July 2005 – May 2006

- BRS: Technical lead for ATT client for their BRS (business Rule server) module , Responsible for understanding technical requirement ,solution , implement and support.

SYSTEMS PLUS, Ahmedabad, India, Developer. July 2002 – March 2005

- HHC :: Started as developer responsible for implement and delivery Customer module for PepsiCo Go To Market (G2M) project.

ABOUT ME

I am best described as an automation Geek and love to automate everything if I see repeatable pattern except house chores. Personally, I enjoy Dance (Garba) , Cricket , Volleyball and spend time with family.

SKILLS

Certifications



Development Languages

Java, PL/SQL, Unix Shell Scripting, SwaggerHub, Python, HTML, JavaScript, Angular, Perl, C,C++/VC++/MFC, PHP

Database

Oracle, Sybase, MSSQL, AWS DynamoDB , Mobile Raima Database and some H2 in-memory for unit testing

DevOps

RedHat OpenShift, AWS CICD, Jenkins, GitLab, SonarQube, Docker, AWS CFT , AWS Lambda, FinOps, and some Azure experience

Tools and Others

JIRA, Version1, Middleware Tuxedo, IBM MQ, IBM WAS,API , POSTMAN,GWT, WinCE Pocket PC, Embedded VC++, SumoLogic, Dynatrace, Veracode

LINKED IN

<https://www.linkedin.com/in/pathik-d-shah>

EDUCATION

Bachelor of Engineering from DDIT, Nadiad, Gujarat – 1998 – 2002