MANISH PATEL
SOLUTIONS & TECHNICAL ARCHITECT

CONTACT DETAILS

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AWARDS & ACCOLADES

'Onsite Exposure' to the USA with Cybage, CentralDesktop, Avalara, K2Annex, Fulcrum Digital – 8 times

Awarded **'Star of the Quarter'** at AccionLabs Pvt. Ltd

Awarded **'Best Project of the Year'** at Fulcrum Digital

Awarded **'Star of The Month'** at Hurix Systems Pvt. Ltd

CORE COMPETENCIES

EXECUTIVE PROFILE

❖ **18+ years** of experience in Software Development, including **10+ years** in project management and **8+ years** as a **Solutions/Technical Architect**, contributed to the success of **3 startups** and worked with **5+ product-based** companies impacted millions of users across diverse sectors such as Media & Entertainment, Social Networking, E-Learning, E-Commerce, Taxation, Event Management, and Healthcare.

❖ Accumulated over **12 months** of experience in the **USA**, working across multiple projects with **Cybage, CentralDesktop, Avalara, K2Annex**, and **Fulcrum Digital**, spanning California, New Jersey, Arizona, and North Carolina.

❖ Acted as a core **founding member** for a **start-up** & contributed significantly in client engagement program

❖ Strong understanding of SOLID, ATOM, DRY, BFF principles and software design patterns

❖ Expertise in designing secure, high-scalability services scaled to millions of users by implementing cutting-edged opensource technologies alongside various caching techniques

❖ Perform Sprint wise **Capacity Tracker** activity in JIRA board

❖ Technical expertise in **PHP**, **Ruby on Rails**, Perl, **Python**, **MySQL**, PostgreSQL, **Angular**, **NodeJS**, VueJS, Dojo, BackboneJS, **Kafka**, **RabbitMQ**, **Redis**, **GIT**, Tortoise SVN, CVS along with environment setup in **Vagrant** boxes & **Docker** images

❖ **A**pplication **P**erformance **M**onitoring & End User Monitoring by configuring and maintaining PHPAgent and Machine Agent for **AppDynamics**

❖ **DevOps** expertise by maintaining fully automated CI/CD for code deployment using **Jenkins** and **Python Fab script.** Knowledge of **AWS services** like, **AWS Glue**, SQS, **Lambda**, EC2, ECS, S3, Route53, CodePipeline, CodeBuild, CloudWatch, CodeDeploy, Amazon EventBridge etc.

❖ Expertise in Object Oriented Programming concepts, design pattern using MVC framework **Laravel**, **Lumen**, **Symfony, CodeIgniter, CakePHP** & **Zend**

❖ Expertise in design and implementation of Monolithic, SOA and **MicroService** REST API Architecture using **Lumen, NodeJS, Symfony**

❖ Exposure working with clients at different geographical locations Europe, US, APAC region to name a few

RESPONSIBILITIES

❖ Architecture design, requirement analysis, estimation, sprint planning & taking care of overall sprint delivery in an agile methodology by connecting with the global Architecture Group along with the product owner

❖ Design Monolithic to SOA and **Microservice** Architecture for REST API

❖ Deployment and **APM** activities by maintaining Jenkins and **AppDynamics** tools

❖ Perform Static and Dynamic code scanning via **Veracode** and identify possible vulnerabilities to make application more secure

❖ Interacting with the client to understand the project and finalize its scope

❖ Involved in day-to-day Scrum planning activity with India and USA teammates

❖ Manage development team and work progress, maintain code quality by reviewing development done by teammates, perform code and database optimizations and providing critical suggestions for improvements

❖ Write applications and development frameworks using PHP classes as well as modular development with PhpDocs, PhpUnit and Cucumber

❖ Installation and configuration of PHP, Python, Perl and Ruby on Rails packages in Linux, analyze Apache web servers, PostgreSQL database, **Kafka, RabbitMQ,**

ActiveMQ mail service and version control system (GIT) to deliver highest quality development

RECENT WORK

Project: Freelance Consultants (Overseas Group) – **Hong Kong,** Feb'24 – Sep'24

Role: **Engineering Manager / Technical Hiring Consultant**
Responsibilities:
Conduct technical screenings and interviews to evaluate candidates for software development positions.
Review and assess coding tests, technical assignments, and projects.
Contribute to developing technical interview questions and assessment strategies.
Provide insights on technical competencies of candidates to the hiring managers.
Make recommendations on candidate suitability based on technical evaluations.
Oversee the development and maintenance of the technology stack, including AWS, DataLake, CodeIgniter, Laravel, and Front-End Tech Stack.
Hands-on involvement in the cybersecurity, code documentation, backend development.
Provide strategic direction and technical leadership to the team of developers and contractors.
Implement best practices for code quality, security, and scalability.
Collaborate closely with the founder and other team members to align technology with business goals.

Tech Stack: **PHP, Ruby on Rails,** Laravel, **ReactJS**, **NodeJS**, **MySQL**, **MongoDB**, **AWS**, GIT, Jenkins, **Docker, SonarQube**

Team Size: 30

Project: Nursing Education (Wolters Kluwer) - **Impelsys Pvt Ltd, Bengaluru,** Sep'22 – Jan'24

Role: **Senior Software Architect**

Nursing Education is digital learning tools and evidence-based content that prepares students for the Next Generation clinical practice. It helps students develop clinical judgment, competence, and confidence.

Tech Stack: **PHP 7.4/8, Symfony**, **Angular 8**, Python, **MySQL**, **AWS Glue**, SQS, Redis, GIT, Jenkins, **Docker, SonarQube, GoLang**

Team Size: 80

Project: DCIQ (RLDatix) - **AccionLabs Pvt Ltd, Bengaluru,** Oct'20 – Aug'22

Role: **Senior Principal Software Engineer**

DCIQ is a patient safety organization that produces web-based incident reporting and risk management software for healthcare and social care organizations.

Tech Stack: **PHP 7.4**, **Symfony**, **AngularJS**, NodeJS, **MySQL**, MsSQL, MongoDB, GIT, Jenkins, **Docker,** Kafka

Team Size: 40

Project: Digital WayFinding (EverBridge) – **AccionLabs Pvt Ltd, Bengaluru,** Oct'20 – Aug'22

Role: **Senior Principal Software Engineer**

Digital wayfinding, indoor GPS for hospitals is designed to help patients, visitors, and staff navigate a hospital campus easily and reliably.

Tech Stack: **PHP 7.4**, CakePHP, Laravel, **Ruby on Rails, VueJS**, M**ySQL**, **AWS**, GIT, **Docker,** RabbitMQ

Team Size: 10

OTHER PROJECT SUMMARY

- **Fulcrum Worldwide Software Pvt. Ltd, Pune** – May'19 – May'20
  DMEhub: Web-based application to e-prescribe Durable Medical Equipment
  Client: Apria, USA
  Role: Product Development, DevOps & Architect
  Tech Stack: PHP 7.3, **Laravel 5.8**, **VueJS**, Redis, MySQL, GIT, Jenkins, **AppDynamics, Veracode** (for code scanning), **Grafana**

- **ETouches Pvt Ltd (Now Aventri), Pune** – Nov'17 – May'19
  Event Management – Managed Goals: End-to-end, cloud-based event management software solution.
  Client: Aventry, USA
  Role: Product Development and Architect
  Tech Stack: PHP 5.3, **PHP 7.0, Laravel, Lumen, Angular v2, VueJS, NodeJS - ExpressJS**, Elastic Search, Redis, MySQL, GIT, **RabbitMQ**

- **K2Annext Software Pvt Ltd, Pune** – Sep'14 – Nov'17
  Trimble Connect: Collaboration platform with connection features across Trimble's building and construction product portfolio.
  Client: Trimble, USA
  Role: Full Stack – Technical Architect
  Tech Stack: **AngularJS 1.4, Dojo,** MySQL**, Java,** Git

- **K2Annext Software Pvt Ltd, Pune** – Sep'14 – Nov'17
  Yard Management: A Web-based dynamic and real-time Yard Management and Visibility Solution.
  Client: TrackX, USA
  Role: Product Development, DevOps & Architect
  Tech Stack: **Ruby on Rails, AngularJS 1.4**, DHTMLX, JavaScript, MSSQL, SVN

- **K2Annext Software Pvt Ltd, Pune** – Sep'14 – Nov'17
  Asset Track: A Complete asset tracking system by using **RFID** technology.
  Client: TrackX, USA
  Role: Product Development, DevOps & Architect
  Tech Stack: **Ruby on Rails, AngularJS 1.4**, DHTMLX, JavaScript, MSSQL, SVN

- **Avalara Technologies Pvt Ltd, Pune** – June'13 – Sep'14
  CertCapture: CertCapture is a web-based Software-as-a-Service enterprise-level application for managing sales tax exemption certificates and W-9 forms.
  Client: Avalara Technologies, USA
  Role: Product Development, Lead Developer
  Tech Stack: PHP 5.3, CakePHP2.0, PostgreSQL9.3, BootStrapJS, Python – Fabric Script, Git, Apache 2.0

- **Synechron Technologies Pvt Ltd, Pune** – Dec'12 – June'13
  MeetMeThere: Meet me there is a Facebook application in which user can choose one destination thru emirate airlines and invite different friends to visit and meet that place.
  Role: Technical Lead
  Tech Stack: PHP 5.3, Facebook API, Googlemap API, MySQL, WordPress, Drupal

- **Central Desktop India Pvt. Ltd, Pune** – Apr'12 – Dec'12
  Central Desktop: Web based Software-as-a-Service application to manage project management tools which helps companies to work together on collaborative way.
  Role: Lead Engineer
  Tech Stack: **PHP 5.3**, **Ruby on Rails,** Zend 1.10, PostgreSQL 9.0, Apache 2.0, Git, PhpUnit, Cucumber, BackboneJS

- **Glam India Pvt. Ltd, Pune** – Nov'11 – March'12
  Glam Automate: Glam Automate is part of Glam Adapt that provides brand advertisers/agencies with a system to manage the life cycle of an Ad Campaign.
  Role: Technical Lead
  Tech Stack: **Ruby on Rails, PHP 5.3**, Zend 1.10, YUI, R3, MySQL 5.0, Apache 2.0, Git, PhpDocs, PhpUnit

- **Cybage Software Pvt. Ltd, Pune** – Aug'09 – Nov'11
  SKU Management System: Leading auto Parts Company in USA, involved in retail online selling of automotive parts. Sku Entry System (SES) provides entry point for their catalog team where they can manage products into their system through single UI as well in bulk processing.
  Role: System Analyst
  Tech Stack: **PHP 5.0, Ruby on Rails**, Perl, MySQL 5.0, Apache 2.0

- Assistant Project Lead, **Digital Media Convergence Limited, Mumbai** - Dec'08 - Aug '09
- Senior Software Engineer, **BigAdda, Mumbai** - Jan'08 - Dec'08
- Software Engineer, **Hurix Systems Pvt Ltd, Mumbai** - Feb'07 - Oct'07
- Senior Software Engineer, **People Interactive (i) Pvt Ltd, Mumbai** - Mar'06 - Feb'07
- Junior Software Engineer, **Dot Infosys, Surat** - Sep'04 - Mar'06

FREELANCE WORK

- https://sourceii.com/ (AngularJS 1.6, Ruby on Rails)
- https://vendor.sourceii.com/ (AngularJS 1.6, Ruby on Rails)
- https://freemansperspective.com/ (WordPress, THESIS, Wishlist)
- http://aantonop.com (WordPress - Elementor)
- https://develop.cevavision.spherewms.com/ (Laravel, Angular 10)
- https://www.bigtoe.yoga/ (CodeIgniter, Laravel, Twilio)