

JIGNESH N PANCHAL

Sr. Software Engineer | Tech Lead | Sr. Full Stack Architect



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Profile Synopsis

Sr. Software Engineer with extensive 15+ years of experience in **full-stack architecture**, specializing in technologies like **PHP**, **Python**, and **Node.js**, **React.js**. Demonstrated ability to deliver complex **software solutions** on tight deadlines while collaborating closely with clients and project stakeholders. Adept at utilizing **AWS services** and various **database systems** such as **MySQL** and **MongoDB**. Committed to solving intricate business challenges through innovative technology integration.

Lead Engineer adept at managing end-to-end development, including requirement gathering, development, and team collaboration, while ensuring timely project delivery with a focus on quality and performance optimization, full-cycle application development, specializing in delivering scalable, efficient, and high-performance solutions. .

Hands-on expertise in modern front-end and back-end technologies, crafting responsive, user-friendly interfaces and scalable server-side logic to deliver exceptional user experiences

Experienced in project management, documentation, and source control, ensuring clear communication, structured workflows, and robust codebases for long-term sustainability.

Passionate about solving complex problems, driving innovation, and leveraging a deep understanding of software architecture to build impactful solutions that align with business goals.

Technical Skills

Programming Languages

PHP | PYTHON | ANGULAR JS | NODE JS | VUE JS | REACT JS | Shell Script | CODEIGNITER | CAKEPHP | Express.js | ZEND | PHALCON | DJANGO | MEAN | MERN | MEVN | JAVASCRIPT | HTML5 | CSS3 | jQuery | AJAX

Database Management Systems

MYSQL | MariaDB | MONGODB | MSSQL | SQLite | PostgreSQL| DynamoDB | Redis | GraphQL

AWS Services

EC2 | RDS | Lamda | Elastic Transcoder | S3 | SES | SQS | Auto Scale | Load balancer | IAM | CloudWatch | Route 53 | Code Pipeline | Cloudfront | Cognito | Event Bridge | | ElasticSearch | API Gateway | IoT Device Management

Third Party Integration

Twilio | SendGrid | Authorize.net | Braintree | Paypal | CloudConvert | Cloudinary | Laravel Admin | AWSSDK | TradeShift | Redux | Stripe | Web Socket | Serverless Framework | Ant Design | Bootstrap | Tailwind CSS | JWT | Oauth2

Project Management tools

JIRA | Coda | Dockers | Kubernetes | Jenkins | Visual studio | Jest | Mocha | SonarQube

Education

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|--------------------|------------------------|
| M.C.A. | JULY_2007 - JUNE_2010 |
| Gujarat University | 61% |
| B.Com. | JUNE_2004 - APRIL_2007 |
| Gujarat University | 66% |

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|-------------------|-----------------------|
| H.S.C. | May_2004 - MARCH_2004 |
| G.S.H.E.B. | 72% |
| S.S.C. | May_2002 - MARCH_2002 |
| G.S.E.B. | 65% |

Work Experience

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|---|-------------------------|
| Capital Numbers Infotech Pvt Ltd | 10/8/2020 - 25/11/2024 |
| Sr. Software Engineer | 📍 Remote (4.5 years) |
| <ul style="list-style-type: none"> Joined Capital Numbers, USA & UK based company as Sr. Software Engineer, majorly worked directly with Client. | |
| Vedlogic Solutions Pvt Ltd | 20/8/2018 - 31/4/2020 |
| Sr. Software Engineer | 📍 Ahmedabad (2 years) |
| <ul style="list-style-type: none"> Joined Vedlogic, UK based company as Sr. Software Engineer, majorly worked directly with Tech Lead and Project Manager on Integra Payroll System (laravel). | |
| Codal Systems Pvt. Ltd | 12/1/2015 - 17/8/2018 |
| Sr. Software Engineer | 📍 Ahmedabad (3.5 years) |
| <ul style="list-style-type: none"> Joined Codal, US based company as Sr. Software Engineer, majorly worked directly with client. | |
| Agile Infoways | 5/3/2013 - 10/1/2015 |
| Sr. Software Engineer | 📍 Ahmedabad (2 years) |
| <ul style="list-style-type: none"> Joined Agile, US and Australia based company as Sr. Software Engineer, majorly worked directly with Tech Lead. | |
| Sasa Software Technologies | 1/1/2012 - 18/2/2013 |
| Sr. Software Engineer | 📍 Ahmedabad (1 years) |
| <ul style="list-style-type: none"> Joined Sasa, US based company as Sr. Software Engineer, majorly worked directly with CEO. | |
| Arsenal Tech | 1/7/2011 - 31/12/2011 |
| Sr. Software Engineer | 📍 Ahmedabad (6 months) |
| <ul style="list-style-type: none"> Joined Arsenal Tech, US based company as Sr. Software Engineer, majorly worked directly with PM. | |
| SP Technolab | 1/7/2010 - 30/6/2011 |
| Jr. Software Engineer | 📍 Ahmedabad (1 years) |
| <ul style="list-style-type: none"> Joined SP Technolab, US based company as Jr. Software Engineer, majorly worked directly with TL. | |

Projects

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| Allegrow (NeverSpam - USA & UK), TagwroX(WorX Software - UK), ActionList, traca.co | 25/11/2024 |
| <ul style="list-style-type: none"> Projects are built in NodeJS & ReactJS (MySQL & MongoDB). MERN stack architecture and Serverless Framework used. Having experience of two team member handling. Allegrow is a cutting-edge, AWS cloud-native SaaS platform built on a microservices architecture (MERN stack) to optimize outbound email deliverability for B2B businesses. The platform monitors and analyses email deliverability metrics, safeguarding sender reputation through advanced features like real-time email risk analysis and automated safety protocols. TagworX is a versatile asset and inventory management platform designed for seamless usage across devices. Its hybrid functionality enables users to switch effortlessly between barcode and RFID data capture. The platform offers quick installation and easy implementation, making it ideal for businesses looking to streamline their asset tracking processes. | |
| Integra Payroll System, TTM, RES, ClientPortal, Timesheet-Online, ICS | 31/4/2020 |
| <ul style="list-style-type: none"> Having experience of two team member handling. MariaDB used as database system in all projects for 1 year and 9 months. Integra Payroll System is a comprehensive ERP solution tailored for large organizations in the UK to automate payroll processes and ensure statutory compliance. The system streamlines operations such as employee registration, salary computation, loan management, leave tracking, statutory deductions, and reporting. | |
| SPChat, Indicard, Simple Studio | 17/8/2018 |

- SPChat, having experience of **seven team members handling as product** new build with Phalcon and NodeJS from Corephp and MariaDB used as database system, AWS services.
- Indicard - (Cakephp, Python, Mongoddb, MEVN)
- Simple Studio - (Laravel and lumen and Angular, MEAN)

Lucid contact, Carzeek, Hansen Hawaii

10/1/2015

- Lucid contact like CRM product built with Cakephp.
- Several other projects like Carzeek (Laravel), Hansen Hawaii (Wordpress).

Credit-Aid Pro Software, AIRS, Portals Hardware, Perthboat school

18/2/2013

- Credit-Aid Pro Software like Medical product built with Cakephp.
- Several other projects like AIRS (AMERICAN INTERNATIONAL REHABILITATION SPECIALISTS, INC.), Portals Hardware (Open Cart), Perthboat school (Joomla).

Abundant Harvest Organics

31/12/2011

- Abundant Harvest Organics is a California farm-share delivery service built with Zend.

GOCURSO, Premiumbag Gifts, Groupular

30/6/2011

- GOCURSO like social networking site where restaurant & vendor owners connect with their patrons, built with Joomla.
- Premiumbag Gifts (Ecommerce - Core PHP).
- Groupular (Social Networking - Core PHP).

Responsibilities

- **Coding & Design Implementation:** Led the design and coding efforts for critical components, ensuring scalable and maintainable solutions.
- **Database Design:** Architected and optimized database schemas to support the platform’s complex data requirements.
- **API Development:** Developed robust RESTful APIs using Node.js, AWS Lambda, and API Gateway for seamless communication between microservices.
- **Third-Party Integration:** Implemented payment gateway integrations, such as Stripe, ensuring secure and reliable transaction processing.
- **Reusable Component Development:** Designed and implemented reusable React.js components to standardize the UI and improve development efficiency.
- **Code Quality Assurance:** Enhanced code quality by implementing Jest unit tests for code coverage and using ESLint for code linting and error detection.
- **Performance Optimization:** Diagnosed and resolved performance bottlenecks across the application to ensure a high-performing user experience

Personal Profile

Date of Birth : 02/07/1987
 Gender : Male
 Marital Status : Married
 Nationality : Indian
 Languages known : English, Hindi, Gujarati
 Hobbies : Reading, Listening Music, Travelling
 Personal Skills : Positive attitude, Creative thinking, Hardworking

Declaration

I hereby certify that the information provided above is true and accurate to the best of my knowledge and belief.