

# Surender Singh

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Current Designation/Organization

**Technical Solution Architect (TTN Private Limited)**

LinkedIn Profile: <https://www.linkedin.com/in/eprofilesuresingh/>

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## OVERALL SUMMARY & CURRENT ROLE/PROFILE

Overall **15 years** of vast experience in Software Application Development/Project Management/Solution Architect. Presently working with the capacity of Technical Solution Architect.

### Current Roles & Responsibilities:

1. Define the Technical Roadmap and own the entire project delivery end to end.
2. Creation of Software Architecture based on Requirements/Inputs.
3. Coding/Code Reviews
4. Daily Stand-up/Scrum and Dev Huddle meeting with the team to ensure the timely delivery of the project/service.
5. Improve, Optimize and Identify opportunities for efficient development processes.
6. Integral role in standardising and automating development processes like CI, Unit Testing and Coding reviews.
7. Developed tools and core components and configured these components for fast setup of products as per requirements.

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## CAREER SUMMARY

Over 15 years of extensive IT experience in developing client-server based applications.

Majorly expert in developing applications like real-estate, ecommerce, academic management, Network Automation, Heavy Traffic based web portals, Media portals.

- Around 5 years of experience in developing & managing MEAN/MERN STACK (Node.js, Angular 2+, ReactJs, MongoDB and Express) based applications.
- Strong Developing Experience and Architectural Experience of ReactJS based Server rendered application using Webpack, Babel.
- Strong experience of PM2 process management tools.
- Around 5 Years of experience in developing MEAN stack projects include Network Automation System, CISCO BPA Automation Tool, Video Live App, Commenting Platform, Recommendation System, Web Analytical Tool, and Score Predication Game.
- Strong in database designing and developing using MySQL & MongoDB with Redis Caching Server

- Exposure of using AWS services like Serverless Lambda, ALB, EC2, VPC, RDS, DYNAMODB, S3, SNS, SQS, API Gateways, Cloud Watch, CloudFront, Code Deployments etc.
- Exposure of Redis, Akamaia Property Configuration, CDN Profiles management.
- Experience with DevOps Tech Stack Docker/Containers, CI/CD using Jenkins. AWS Code Deployment, Custom Deployment Scripts.
- RabbitMQ Messaging Queue, AWS SQS
- JavaScript, TypeScript, JQuery, PHP
- Experience in developing and support REST API for Mobile Application Development.
- Sound in GIT, SVN Code Versioning tool for development.
- Experience in developing Hypervisor application using Libvirt & MEAN Stack (Node/Angular/JavaScript).
- Expertise in the Project Progress Tracking tools like JIRA, Asana.
- Worked on Real-time communication between Server and Client Architecture using Socket.io protocols.
- Apart from development and coding I have approx. 7 years' of experience in project execution and resource handling and communication with other teams and clients.
- Performing in different roles as a Sr. Technical Lead, Sr. Software Engineer proficient in obtaining project requirements from client and sales team, formulating the requirements into design specs, preparing system specifications, assigning tasks to team members, and tracking the progress.
- Having an attitude of willing to learn, accept the challenging environment and confidence in delivering the results within timelines by constantly motivating the concerned teams to provide the best solutions to the clients.
- Hands-on knowledge of major modern technologies.

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**KEY I.T. SKILLS STACK**

<b>Tech/Lang</b>	<b>Version</b>	<b>Years of Exp.</b>
Node JS	8	5
Angular	2,6,8	3
React Js/Webpack/Babel/Yarn	16	4
Vue Js	2	1
MongoDB	> 3	5
MySQL	5	11
JavaScript	ES5,ES6	11
TypeScript	ES6	3
Camunda Workflows		2
Microservice Managing tool Kong, Konga		2
PHP	5,7	7
JQuery	3	8
Angular JS	1.x	1
JSON/AJAX	-	8-9
HTML/CSS Integration		10
Unit Testing (Assert/Mocha/Jasmine/Sinon) Code Coverage (Instanbul)	-	3
CI/CD Jenkins	-	3
AWS (ELB, RDS, DynmoDb, S3, EC2, SQS, SNS, Serverless Lambda Fn, Cloudwatch, API Gateway, CloudFront, VPC) using aws-sdk & Amazon Console	-	3
Dockers/Containers	-	3
Project Tracking/Agile Tool (JIRA)	-	7

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**CAREER SUMMARY****Manager – Digital Technology**

May, 2020 to August, 2021

## ABP Network

ABP Networks, Sector-16A, Noida

Reporting to the Sr. Vice president with following responsibilities.

- Define the Technical Roadmap and own the entire project delivery end to end.
- Manages the overall deployment project schedules, quality and deliverables.
- Manage risk tracking processes.
- Responsible for maintains the overall monthly AWS billing
- Resource management, Hire, develop and retain a strong team.
- Project development and infrastructure cost management.
- Manage and handle different development teams and clients PAN globe.

### **Sr. Technical Lead/Associate Architect - MEANSTACK**

Dec, 2018 to April 2020



Infinity Labs Limited, Sector-135, Noida

### **Expert Engineer, G-III**

August 2018 to Nov, 2018



MobiLyte Inc., E-40, Phase-8, Mohali, Chandigarh

### **TEAM LEAD/PHP PROJECT MANAGER**

November, 2011 to July, 2018



DB Digital Limited, Sector-63, Noida, UP

### **SR. ASSOCIATE**

March, 2011 to October, 2011



MAGNON\TBWA, Sector-63, Noida, UP

## SR. SOFTWARE ENGINEER

March, 2008 to March, 2011



Binarysoft Technologies, New Delhi, Delhi

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### PROJECT UNDERTAKING

#### ABP Network Based Projects:

<b>Project URL/Name</b>	<a href="#">CMS for All Channels</a>
<b>Description</b>	It is a single web based CMS application that is used as Videos Management, LIVE TV Managing, Web Stories, Analytics Management etc.
<b>Client</b>	<b>ABP News Network</b>
<b>Role/Team Size</b>	Architect / Project Manager
<b>Technologies Used</b>	<b>Tech Stack:</b> Nodejs/ReactJS/MongoDB/Elastic Search/AWS

<b>Project URL/Name</b>	<a href="#">ABP Web Domains/ ABP IOS &amp; Android APP</a>
<b>Description</b>	Mainly ABP Live, ABP News, ABP Anand, ABP Majha, ABP Nadu, ABP Ashmita Web Portals
<b>Client</b>	<b>ABP News Network</b>
<b>Role/Team Size</b>	Architect / Manager

#### INFINITY LABS LIMITED BASED PROJECTS:

<b>Project URL/Name</b>	<a href="#">Enterprise Perimeter Security</a> (EPS)
<b>Description</b>	Its is an automation tool used to manage the firewall rules and service on the firewall used within Bank of America.
<b>Client</b>	<b>Bank of America</b>

<b>Role/Team Size</b>	Architect
<b>Technologies Used</b>	<b>Backend:</b> Nodejs/MongoDB/Express <b>Front End:</b> Angular 6 <b>Workflow:</b> Camunda <b>Microservice Platform Manager:</b> Kong/Konga <b>Networking Provisioning Tool:</b> NSO <b>Others:</b> AWS, GIT/ Vault Security

<b>Project URL/Name</b>	<a href="#">Virtual Machine Manager</a>
<b>Description</b>	Its is an web based application tool used to create the Virtual machine based on KVM and set Policies on the usage of VM. This tool is used to with Load Balancer to create new VM on the Fly.
<b>Client</b>	<b>Palo Alto</b>
<b>Role/Team Size</b>	Architect/Developer (3)
<b>Technologies Used</b>	<b>Backend:</b> Node.js/MongoDB/Express <b>Front End:</b> Angular 6 <b>Hypervisor Library:</b> Libvirt <b>Microservice Platform Manager:</b> Kong/Konga <b>Others:</b> AWS, GIT, Docker/Containers

#### DB Digital BASED PROJECTS:

- <https://www.cricketpundit.in/>
- **Recommendation System**
- <https://wisdomnxt.bhaskar.com>
- <https://www.bhaskar.com> | <https://www.divyabhaskar.co.in> | <https://money.bhaskar.com>

#### MAGNON\TBWA BASED PROJECTS:

- <https://www.properhq.com.au>
- <http://www.rent-myplace.com>
- <http://www.didiswardrobe.com>
- <https://www.listingocean.com>

#### BINARYSOFT TECHNOLOGIES BASED PROJECTS:

- <https://www.icai.org/>
- <https://www.cpeicai.org/>
- <https://www.icai.org/help/> (e-sahayata) | <https://help.icai.org/>
- <http://www.newdutytax.info/>
- <http://www.tradebits.in/>

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## EDUCATION AND QUALIFICATIONS

### Academic Qualification

- 10<sup>th</sup> from CBSE Board scored 72% marks.
- 12<sup>th</sup> from CBSE Board scored 62% marks.

**Technical Qualification**

- B.TECH (4 years) from APEEJAY COLLEGE OF ENGINEERING (GURGAON) in COMPUTERS with 66% Marks
- Duration: 2002-2006

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**PERSONAL DETAILS**

**Date of Birth:** 3<sup>rd</sup> June 1984  
**Nationality:** Indian  
**Married Status:** Yes  
**Language Known:** Hindi, English

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**DECLARATION**

I hereby declare that all above information is true and correct to the best of my knowledge and belief.

**SURENDER SINGH**