

PROFESSIONAL SUMMARY

- > 5+ years in IT industry with Open-Source, Salesforce, and Microsoft experience.
- > Worked in Agile environment by collaborating with team from different layers and levels.
- > Have architected end-to-end greenfield implementation on different stacks.
- > Worked on multiple domains and consulted as SME including Salesforce Credentials.

CREDENTIALS

Salesforce: (All Star Ranger | 18xSuperbadges)

- > Certified B2C Commerce Developer
- > Certified Platform Developer I
- > Certified Marketing Cloud Administrator
- > Certified Administrator
- > Certified Service Cloud Consultant
- > Certified Platform App Builder
- > Certified JavaScript Developer I
- > Certified AI Associate
- > Certified MuleSoft Associate

Semrush:

- > Technical SEO Exam
- > Keyword Research Exam

Google:

- > Advanced Google Analytics

Amazon:

- > Machine Learning Terminology & Process
- > AWS Lambda Functions

TECHNICAL SKILLS

Client Side:

- > Language: HTML, CSS, JavaScript, jQuery, AJAX, JSON, ASP.NET, Aura, LWC
- > Framework: Bootstrap, Cordova, React JS

Server Side:

- > Language: PHP, Python, JSP, C#.NET, Apex
- > Framework: Blazor, Django, Laravel, Visualforce, Express JS

- > Server: Apache, Tomcat, Nginx, IIS, Node JS

Database:

- > Adapter: PDO, SQLi, JDBC, ADO.NET
- > Server: MySQL, MS SQL, PSQL, MongoDB

DevSecOps:

- > Repository: GitHub, Bitbucket
- > Versioning Tool: GIT, SourceTree
- > Security Tool: Snyk, BurpSuite
- > CI/CD Tools: Jenkins, CircleCI, Bitbucket CI/CD

Environment:

- > Automation: Batch Script, VBScript, Shell Script, PowerShell script, CRON
- > IDE: Visual Studio, VS Code, NetBeans, Eclipse, PyCharm, Arduino, MATLAB, Proteus
- > OS: Windows, Linux
- > Cloud: AWS, Azure, Firebase, ThingSpeak, Heroku, Salesforce (SFDC, SF-DXP, SFMC, SFCC)

Hardware:

- > Controllers / Processors: ARM, PIC, ATMega
- > Interface Boards: RPI, MSP430, Arduino
- > Languages: C, C++, Python
- > Sensor: Resistive (POT, Humidity, Pressure), Capacitive (Touch, Temperature), Inductive (Smoke, Proximity), Photoelectric (Ultrasonic, Speed), Piezoelectric (Accelerometer, Vibration)
- > Module: Converters (ADC, DAC), Drivers (Motor Driver)

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EXPERIENCE – Career summary

CapeStart -Engineering Services

Nagercoil, Tamil Nadu, India

Oct 2023 – Present **Software Engineer**

Key Roles: **Developer & Lead**

Key Responsibilities:

- > Scoping on requirements.
- > Developing and Guiding the development team.
- > Ensuring the SOP implementation.

Salem Infotech -Product Engineering Services

Chennai, Tamil Nadu, India

Jul 2022 – Sep 2023 **Assistant Consultant**

Key Roles: **Technical Architect & DevSecOps Engineer**

Key Responsibilities:

- > Architecting end-to-end solution for business requirements.
- > Creating technical documentations for the solution provided.
- > Ensuring security compliance throughout the development operations.

Jul 2020 – Jun 2022 **System Engineer**

Key Roles: **UI Architect, Full Stack & DevOps Engineer**

Key Responsibilities:

- > Architecting user interface by considering user experience.
- > Ensuring compatibility of the system with devices and cross-browser supporting.
- > Integrating different systems by ensuring compatibility.
- > Maintaining system stability with automated testing & build.

Jul 2019 – Jun 2020 **Assistant System Engineer**

Key Roles: **UI/UX Designer, Developer & Functional Tester**

Key Responsibilities:

- > Designing user interface including responsive layouts.
- > Developing components/modules as per guidelines.
- > Validating outcome of the developed system against business requirements.

Sep 2018 – Dec 2018 **Software Developer Intern**

Key Responsibilities:

- > Getting knowledge on Salesforce platform and components.
- > Understanding software development cycle.

Makos Infotech

Chennai, Tamil Nadu, India

Sep 2018 – Dec 2020 **Freelance Process Consultant**

Key Roles: **SEO/SMO Engineer & Operations Consultant**

Key Responsibilities:

- > Defining end-to-end approach on requirements.
- > Guiding team with SOPs on business flows.
- > Managing and Guiding on SEO implementation.

BSNL (Bharat Sanchar Nigam Limited)

Nagercoil, Tamil Nadu, India

Nov 2016 – Dec 2016 **In-Plant Trainee**

Key Roles: **Assistant Technical Engineer**

Key Responsibilities:

- > Training on Fundamentals on Telecommunication.
- > Introduction on Communication Switches, Network Communication Protocols and GSM with different data types.

EDUCATION

M.S. -Computer Science and Mathematics, Embedded Systems (Jul 2022 – Oct 2023)

LJMU, Liverpool, United Kingdom

P.G.D. -Software Development, Cybersecurity (Jan 2021 - Mar 2022)

IIITB, Karnataka, India

B.E. -Electronics and Communications Engineering (Jul 2015 – Apr 2019)

St. Joseph's College of Engineering, Tamil Nadu, India

DIPLOMA in JAVA (Apr 2015 – Jun 2015)

BITS Information Technology, Tamil Nadu, India

H.S.S. -Maths Biology (Jun 2014 – Mar 2015)

S.S.L.C. (Jun 2012 – Apr 2013)

Carmel Higher Secondary School, Tamil Nadu, India

PATENT

An Auxiliary Braking Apparatus For Vehicles And A Method To Operate The Same (IN, Mar 2024)

> Improved Braking System for vehicles with Mechanical logics and Embedded

PUBLICATION/PRESENTATION

Analysis and Classification of Active Sludge in wastewater (IOP Science, Apr 2021)

> Image Processing based concept with Machine Learning algorithm

> Technology: MATLAB, Python

Sludge Detection in Marsh Land: A Survey (Springer Nature, Nov 2019)

> Survey on methods for cleaning/purifying sludge water

> 2nd International Conference on Emerging Current Trends in Computing and Expert Technology (COMET 2K19, Mar 2019)

Smart street lamp Unit (SslU) with Embedded System (IJMCTR, Jul 2018)

> Power Consumption based concept with Embedded Systems

> Technology: Arduino, Sensor Networks

Life Saving hanging Robot (LShR) using MSP430 (IJSR, Mar 2018)

> Surveillance based concept with Embedded Systems

> Technology: MSP430, Sensor Networks

VOLUNTEER

Salesforce SME (Apr 2023 - Present)

IEEE (Jul 2016 - Present)

Chairperson (May 2018 - Apr 2019)

St. Joseph's College of Engineering, Chennai

Chairman (AP Society) (May 2018 - Apr 2019)

St. Joseph's College of Engineering, Chennai

Secretary (AP Society) (Apr 2017 - May 2018)

St. Joseph's College of Engineering, Chennai

PROJECTS

Data Reporting Portal (Oct 2023 – Present)

> **Role:** Developer & Lead

> **Technology:** NodeJS, Salesforce (API, Managed Package), Apex, Aura, PSQL, GitHub, JIRA

> **Domain:** Data Productivity & Management (B2B)

> **Integration:** Salesforce

> **Key Points:** Portal to present Salesforce data with customization available in Excel. Users can configure single Report in multiple levels with data from multiple Salesforce ORGs

E-Governance Application (Dec 2022 – Sep 2023)

> **Role:** Solution/Technical Architect

> **Technology:** Salesforce, DevOps Center, GitHub, Apex, LWC, JIRA

> **Domain:** Education (B2B)

> **Integrations:** User Profile Portal, Azure Authentication System

> **Key Points:** Portal to get approval on submitted research forms from multiple level on a customizable workflow and forms by the admin following SLAs.

NPSP (Feb 2022 – Nov 2022)

> **Role:** Solution Architect

> **Technology:** Salesforce, DevOps Center, GitHub, LWC, Apex, JIRA

> **Domain:** Non-Profit (B2B2C)

> **Integrations:** RazorPay

> **Key Points:** Salesforce's Platform to be installed with multiple packages for Non-Profit to custom campaign manager portal, payment and wealth engine integration, setup managed packages, Analytics management.

Omnichannel Healthcare Application (Feb 2022 – Nov 2022)

> **Role:** Technical Architect

> **Technology:** Heroku (Salesforce), Node JS, PSQL, Bitbucket, Snyk, JIRA

> **Domain:** Healthcare (B2C)

> **Integrations:** AuthO, Zoho chat support, Stripe payments, Google (Analytics, Firebase, Tag Manager and Optimize), Twilio, Microsoft Clarity.

> **Key Points:** A platform accessible through multiple channels like web portal, mobile application to connect patients looking for affordable treatments, with hospitals, clinics, medical professionals and treatment centers across the globe.

Omnichannel E-Commerce Website (Mar 2020 – Jan 2022)

> **Role:** UI Architect

> **Technology:** Salesforce Commerce Cloud (Demandware), Jenkins, Bitbucket, Snyk, JIRA

> **Domain:** Commerce (B2C)

> **Integrations:** Salesforce Marketing Cloud, ApplePay, Paysafe, Google (Analytics, Firebase, Tag Manager and Optimize), HotJar & Noibu, Awin for SMO, TurnTo for Rating and Review.

> **Key Points:** Improvising B2C portal by increasing end customer experience and developing personalization features.

> **Highlights:** One Page Checkout, Quick Checkout, Warranty, Personalized Jewelry, Create Your Own Jewelry, Site Optimization (Live streaming load minification, Auction system time accuracy, HTML Minification; CSS Bundling).

CRM Application (Sep 2019 – Feb 2020)

> **Role:** UX Designer & Developer

> **Technology:** PHP, MySQL, Bitbucket, JIRA

> **Domain:** Construction (B2B2C)

> **Key Points:** Portal with all modules required for a Construction domain like Lead, Customer, Procurement, Inventory, Logistics.

Process Automation System (Jul 2019 – Apr 2020)

> **Role:** Developer

> **Technology:** C#.NET, MS SQL, Bitbucket, JIRA

> **Domain:** Manufacturing (B2B)

> **Key Points:** Portal to get approval on submitted forms from multiple levels on a customizable workflow created by the admin and following all SLAs.

ERP Application (Jul 2019 – Aug 2019)

> **Role:** Developer

> **Technology:** PHP, MySQL, Bitbucket, JIRA

> **Domain:** Manufacturing (B2B)

> **Key Points:** Portal with all modules required for a Manufacturing domain like User, Human Resources, Procurement, Inventory.