



Sandeep Kumar

Salesforce and Heroku Architect | Full Stack Developer

With over 15 years in software development, I specialize in Salesforce, dedicating the last decade as a Lead/Developer and Co-Founder of CloudAlgo. My passion lies in driving technical innovation, particularly in Salesforce and Heroku development.

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Skills

★ ★ ★ PROFICIENT

Salesforce, JavaScript ES6, TypeScript, NodeJs, React, React Native, Next.js, Semantic HTML, CSS, Heroku, AWS, Serverless, MongoDB, Postgres, Git

★ ★ COMFORTABLE

Vue.js, Angular, Webpack, Java, Play, Struct, Swift - iOS

★ FAMILIAR

Python, Redis, C++

Experience Highlights:

- **Salesforce Expertise:** Proficient in Apex, Visual Force, and crafting Classes, Triggers, and Batches.
- **Heroku Integration:** Architecting solutions within Salesforce Portal and Heroku, with hands-on experience in Rest API and SOAP web service integration.
- **Platform Customization:** Tailoring Salesforce platforms with expertise in fields, page layouts, and tabs.
- **Security Focus:** Ensuring data security through robust security and sharing rule management.
- **Project Management:** Expert in project scoping, estimations, and successful coordination using tools like JIRA.
- **Full-Stack Development:** 8 years of experience designing, building, and deploying software with a commitment to project success.
- **Team Leadership:** Actively involved in training team members and co-leading development streams at CloudAlgo.

Professional Experience











Co-Founder/Salesforce & Heroku Architect

CloudAlgo

📅 January 2022 – Current

- Co-founded with a focus on driving technical excellence and innovation in Salesforce and Heroku development.
- Architected robust and scalable solutions on the Salesforce and Heroku platforms, ensuring optimal performance and alignment with industry standards.
- Led the development team in implementing complex features, customizations, and integrations using Apex, Lightning Components, Visualforce, and Heroku technologies.

Certifications

-  Salesforce Certified Administrator
-  Salesforce Certified Platform App Builder
-  Salesforce Certified Platform Developer I
-  Salesforce Certified Platform Developer II
-  Salesforce Certified Sales Cloud Consultant
-  Salesforce Certified Service Cloud Consultant
-  Salesforce Certified Sharing and Visibility Designer
-  Salesforce Certified Integration Architecture Designer
-  OCP, Java SE Programmer
-  DOEACC A Level

- Played a hands-on role in coding and reviewing code to maintain high-quality standards and adherence to best practices.
- Implemented and optimized CI/CD pipelines for Salesforce and Heroku applications, enhancing the development workflow and deployment processes.
- Collaborated closely with cross-functional teams to understand business requirements and translate them into technical solutions within the Salesforce and Heroku ecosystems.
- Conducted technical training sessions to elevate the skill set of the development team, fostering a culture of continuous learning and improvement.
- Pioneered the adoption of emerging technologies and development methodologies to stay ahead of industry trends and maintain a competitive edge.
- Successfully delivered multiple projects on time and within budget, showcasing expertise in project management and execution.
- Actively participated in developer communities, contributing to open-source projects, and sharing insights at industry conferences.
- Advocated for best practices in coding standards, security, and performance optimization across all development activities.
- Collaborated in the creation and execution of marketing strategies to showcase the technical capabilities of the company, attracting both clients and top-tier developer talent.

Platform Architect

Traction On Demand

 June 2019 – December 2021

- [Traction REC](#) / [Traction On Demand \(Salesforce\)](#)- I played a pivotal role in the development and enhancement of Traction Rec, the premier recreation management system fully integrated with Salesforce.com, the leading CRM software globally. This innovative platform is tailored to streamline the day-to-day operations of community centers, covering areas such as memberships, programs, facilities, fundraising, and engagement. As a key contributor, I was responsible for devising and implementing numerous greenfield components, showcasing my proficiency in solutioning and development. Furthermore, I took charge of establishing an effective Agile development team, demonstrating my commitment to fostering efficiency and productivity in the project.
- [Traction X-Ray](#) / [Traction On Demand \(Node.js, Vue, Salesforce\)](#)- The Traction X-Ray app combines depth and breadth of technical experience on the Salesforce platform, to help uncover hidden technical debt, prioritize remediation efforts, and reveal a tangible roadmap for platform

optimization.

- Technical Architect and backend node.js lead developer.
- Built various scanners to get metadata from salesforce org and process data for analytics
- Built module for PDF and google sheet result generation based on processed data

Technical Architect | Principle Consultant

Appirio

📅 December 2013 – June 2019

- **LillyNow portal / [Lilly](#) (Salesforce, Node.js, React js, Contentful)** - (currently working) Lilly has over 80 disparate portals that serve multiple affiliates, markets and departments across 40,000 employees in 120 countries. They required one common experience for all employees that will combine the features and content from those disparate portals into one easy to use, mobile-optimized, personalized and dynamic solution. We rebuild their intranet portal for their employees. The vision of this project is to provide a common platform to all the employees wherein they can communicate and collaborate with one another. My job is to write Contentful, Kaltura rest API in Node.js implement front on react.js.
- **LUCID / [Lilly](#) (Node.js)**- Built various private node modules related to security, PDF Doc generation from Markdown files, encapsulated this SSO authentication implementation. These modules will be used internally for reducing this effort in future projects.
- **Lids / [Lids](#) (Node.js, React Native)**- Built an android and iOS mobile app on React-Native where end-user can shop the ultimate destination for the latest styles in hats, fan gear, and occasionally licensed sports apparel. Also can join Lids new Access Pass loyalty program and earn points each time you shop. Plus, get access to exclusive offers! We have also built various microservices on Heroku to connect their legacy system which is required to make this mobile application.
- **Align / [Align Technology](#) (Salesforce)**- Bidirectional Integration office 365 calendar with Salesforce event. Written and exposed various REST service on salesforce which is used in their sales rep mobile application.
- **[BMC MyEBC iOS mobile app](#) / [BMC](#) (iOS)**- Worked alone for the BMC – MyEBC app. The iOS app is used by BMC executives and customers to schedule sales demos and meetings. Used the community as an extended team, when needed. Acted as a single point of contact, for the client, for everything associated with the app. Worked on all aspects of the app, including but not limited to design, development, testing and deployment.
- **Mesh01 / [Mesh01](#) (Node.js, AngularJs, MongoDB)**- Developed product testing postal on Node.js, AngularJs, MongoDB. Integrated IBM Watson

tone analyzer services to generate graphical chart report to show testing feedback.

- **NCApp / [Nightingale Conant](#) (Ionic, Node.js)** - Worked as a developer and build a hybrid mobile app for both iOS and Android platforms. We created an app for motivational training purposes. Using that app users can buy the subscription, watch videos and read/purchase books. We used Angular JS and Cordova(PhoneGap) framework in this app and video playback feature using Kaltura.
- **SiBM Travel Companion / [IBM](#) (Node.js, AngularJs, MongoDB)**- Worked as a development resource and consultant for clients. Created rich, highly interactive responsive websites and UI components with JavaScript, HTML5, and CSS3. Developed single-page angularJS application using Google Maps API v3 for major US retail brands.
- **Tholos / [Kimberly Clark](#) (.Net, MSSql, AngularJs)**- Developed a mobile-optimised web app from the ground level. This involved: project planning, wireframing, database coding, writing .Net services, as well as HTML and CSS programming for the interface.

Senior Software Engineer

Metacube Private Limited

 May 2012 – December 2013

- **Aegerion Pharmaceuticals (Salesforce)** - Patient Portal on Salesforce over-responsive UI to support mobile and desktop devices. The patient can log in to the portal as an external user to track their LDL-C level and can know about the dieting plan to be followed to increase or decrease LDL-C level.
- **Experian Service cloud / Experian (Salesforce)** - Herein we implemented service cloud services with the help of standard case objects which includes web to case, email to case, case assignment rules, Escalation rules, Knowledge one.
- **Teva Pharmaceutical Industries (Salesforce)** - is an international pharmaceutical company headquartered in Petah Tikva, Israel. The project is mainly about building Social Intranet. Using this Social Intranet (Edgeforce) their internal employees can collaborate and access their documents easily from their various devices like mobile, iPad and desktops.
- **B:C Service Cloud / Logitech (Salesforce)** - Worked as a developer and build a case management system. We created a support site that is accessible from iPad, desktop and iPhone also. We set up a Customer Community for customers from where they can create and check the status of their cases.

Software Engineer

 February 2010 – May 2012

- **Sales Rep Application (ASP.Net, SQL Server, JQuery, HTML, CSS)/ [Delta Electronics India](#)** - Worked at the client-side location, Gurgaon wherein I developed a web application for their sales team. With the help of the application, the sales representative used to give a clear understanding of their product. This app also gives them a platform to customize their product according to the client need. Once the final outlook of the product gets finalized by the customer its get shared with the production team for the final working on the order.
- **Automation System (ASP.Net, SQL Server, JQuery, HTML, CSS)** - This is a web-based application that has Entire updated information from the college/ institution will be made available to the Management, Employee, and Students accordingly. Has inbuilt database backup facility for safety and reliability. Single database management system. Performance analysis of the students or staff. It regulates the fee management process completely. Complete automation of sta administration.

Education

Master in Computer Science

 Punjab Technical University

MS, Information Technology

 Punjab Technical University

Hobbies & Interests

Due to my enduring passion for engineering, I enjoy building upon my knowledge of various computer programs that I can utilise to further my career in the industry.

Additionally, I enjoy tabletop gaming, video games, and travel.