

Mathesh Ramesh

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Education

Northeastern University

Master of Science - Software Engineering Systems; **GPA: 3.9/4.0**

Relevant Courses: Object-Oriented Design, Web Design and User experience, Cloud Computing

Boston, MA

Expected Dec 2025

Experience

Intellect Design Arena Private Limited

Software Engineer (Salesforce Developer)

Chennai, IN

Jul 2021 – Dec 2023

- Designed, developed, and deployed custom objects, page layouts, Lightning flows, custom tabs, Lightning Web Components, Apex classes, and triggers for a UK-based wealth management firm.
- Developed functionality using Lightning Flow and Apex to merge duplicate client records, running checks to prevent data loss and asynchronously transferring related records. A custom object tracks merge status, improving data integrity and efficiency by 25%.
- Developed a custom Income and Expenditure tab using LWC, including a summary section for an overview of records. Automated record management processes with Apex triggers, ensuring precise and reliable data capture, improving accuracy by 20%.
- Built a dynamic Lightning Web Component for managing notes, featuring a modal for easy note entry and validation, significantly improving data entry efficiency for over 800k clients by providing real-time feedback and automated character count validation.
- Created custom reports and dashboards for a staff of over 4000, improving operational efficiency.
- Implemented a feature for tracking client review meeting details, enhancing data capture accuracy and aiding advisers effectively.
- Integrated real-time data flow between Salesforce and third-party applications using platform events and triggers, improving system-wide data accuracy.

Intellect Design Arena Private Limited

Software Trainee

Chennai, IN

Feb 2020 – Jun 2021

- Implemented validation rules aligned with business requirements to ensure data accuracy and consistency.
- Updated Lightning Flows to accommodate new requirements, carefully maintaining existing logic integrity.
- Enhanced Apex classes and optimized SOQL queries to support updated functionality and meet the new specifications.
- Created and executed test cases for over 100 stories with 100% code coverage, resulting in a defect-free outcome.
- Automated test cases for smoke, end-to-end (E2E), and regression testing, reducing manual effort by 50%.
- Collaborated with developers, business analysts, and product owners to improve user story requirements, leading to a 47% decrease in defect rates.
- Reported and tracked over 50 defects to closure, improving product quality and customer satisfaction.

Projects

🔗 BOSBuy Ecommerce Web Application | *ReactJS, Redux, ExpressJS, Node.js, MongoDB, Heroku, Stripe*

- Developed an ecommerce platform specializing in selling laptops, with separate roles for Admin and Customers to manage inventory and process orders. Integrated Stripe for secure payments and designed a responsive UI using React Bootstrap components, ensuring a seamless shopping experience.

☁️ Salesforce LWC Portfolio | *LWC, JavaScript, HTML, CSS, SLDS, SOQL, Experience Cloud, LWR*

- Built a Salesforce Experience Cloud portfolio using LWR and LWC to showcase projects, skills, certifications, and education with Salesforce Data APIs. Implemented tab-based navigation (lightning-tabset), child-parent communication, and optimized SOQL queries for a responsive and interactive UI with SLDS styling.

🔗 Cloud Integration Application | *AWS (EC2, RDS, VPC, S3, Lambda, ALB), Terraform, Packer, Node.js, PostgreSQL, SystemD*

- Built a cloud-native AWS application with Terraform for infrastructure, Packer for image creation, and SystemD for service management. Integrated CI/CD with GitHub Actions, secured traffic with ALB, ACM, and managed DNS via Route 53. Enabled RDS (PostgreSQL) sync, S3 storage, Lambda workflows, and CloudWatch monitoring for scaling.

Technical Skills

Salesforce Development : Lightning Web Components, Lightning Flows, SOQL, Reports & Dashboards, Data Loader, Validation Rules, Custom Objects & fields, Visualforce, SLDS

Programming Languages : Java, Apex, JavaScript, Node.js, SQL, CSS, HTML

Web Frameworks : ExpressJS, ReactJS, Redux, Bootstrap

Cloud & DevOps : AWS (EC2, RDS, VPC, Cloudwatch, Lambda, SNS, S3, ALB), Terraform, Packer, Heroku

Databases : PostgreSQL, MongoDB, MySQL, SOQL

Version Control & CI/CD Tools : Git, Bitbucket, Gearset, GitHub Actions, GitHub Secrets

Certifications

- Salesforce Associate
- Salesforce Platform App Builder
- Salesforce Platform Developer I
- Salesforce Administrator
- SAFe 5 Practitioner