Mathesh Ramesh

Boston,MA | (857)269-7088 | ramesh.mat@northeastern.edu | Linkedin | Trailblazer | Github

Education

Northeastern University   **Boston, MA**
*Master of Science - Software Engineering Systems; **GPA: 3.9/4.0***   *Expected Dec 2025*
Relevant Courses: Object-Oriented Design, Web Design and User experience, Cloud Computing

Experience

Intellect Design Arena Private Limited   **Chennai, IN**
Software Engineer (Salesforce Developer)   *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%.
- Built 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%.
- Implemented an event-driven prospect management system in Salesforce by publishing prospect updates via Flows to Platform Events, enabling real-time data synchronization with MuleSoft for downstream processing.
- Developed and integrated Salesforce Flows and Apex services to authenticate and interact with an external financial services portal, enabling seamless navigation and data retrieval via REST API calls.
- Implemented a feature for tracking client review meeting details, enhancing data capture accuracy and aiding advisers effectively.
- Developed and delivered scalable Salesforce solutions within Agile sprints, collaborating on sprint planning, backlog grooming, and daily stand-ups.
- Managed version control and code reviews with Bitbucket, using Gearset for seamless Salesforce deployments. Documented post-deployment steps and release validation in Plutora to ensure smooth transitions.

Software Trainee   *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.
- Created custom reports and dashboards for a staff of over 4000, improving operational efficiency.

Projects

- ☁ **University Recreation Center**| *LWC, Lightning Flows, Apex, Amazon AppFlow, REST API, AWS S3, Experience Cloud*
  - Developed a Salesforce system for event management and membership sign-ups using Lightning Flows and LWC. Integrated Amazon AppFlow for AWS data synchronization and enabled REST API-based document storage in S3. Implemented Apex triggers, validation rules, and batch jobs for automation while enforcing Salesforce security models for data integrity and controlled access.

- ☁ **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.

- ⭘ **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.

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, Lamda, 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