Rahul Kumar Nalubandhu

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SKILLS

C | C++ | Java | Python | Salesforce CRM | Lightning Web Components | Apex | Visualforce | Workflows | SOQL (Salesforce Object Query Language) | HTML | CSS | JavaScript | Data Loader | Force.com | Chef | Ruby | SQL | PostgreSQL | Django | MongoDB | MySQL | PowerShell | Linux | Unix | Windows | PHP | ReactJS | AngularJS | NodeJS | TypeScript | Git | GitHub | AWS | EC2 | S3 | Lambda | Restful APIs | Microservices | JSON | XML | Microsoft Visual Studio | CI/CD tools | Selenium | Kubernetes | Docker | Communication Skills | Analytical Skills | Data Structures & Algorithms | Problem-Solving | Critical Thinking | Teamwork | Time Management | Jira | Asana | Manual Testing | Automation Testing | Unit Testing | UI/UX | Microsoft Azure | SOAP (Simple Object Access Protocol) | TCP/IP | Scrum | Agile methodologies | Asana | Project Management | Data Analysis | Karel | Figma

EXPERIENCE

Artichoke Consulting LLC   *Portland, OR June 2024 – Present*
Salesforce Developer

- Responsible for designing and developing custom applications, features, and integrations within the Salesforce platform to enhance business processes and user experiences.
- Collaborate with architects and business analysts to code requirements, contributing to the successful implementation of projects.
- Conduct comprehensive testing to ensure the stability and functionality of applications, aiming for a high defect-free rate.
- Identify and resolve bugs promptly to reduce downtime and improve system performance.
- Create and maintain detailed technical documentation, including design specifications, test plans, and user guides, to improve team efficiency.
- Provide technical training to team members to enhance their skills and contribute to overall team productivity.

(Tech Stack: Salesforce, Lightning Web Components, Page Layouts, tabs, Reports, Dashboards, Experience builder, Visualforce pages, Apex Programming, Salesforce Object Query Language (SOQL), HTML, CSS, JavaScript, GitHub, CRM tools, UI Testing,)

Oregon State University   *Corvallis, OR Feb 2023 – June 2024*
Salesforce Developer

- Mentored **2** developers and conducted code reviews for **10**+ projects, ensuring adherence to best practices.
- Engaged in system analysis, design, development, and testing throughout the Software Development Life Cycle.
- Maintained Salesforce environment, ensuring data integrity, security, and **99%** uptime for **100**+ users.
- Developed **8**+ Apex classes, **6** controller classes, and **5** triggers to meet application needs.
- Created **8**+ Lightning Web Components (LWCs), enhancing the user interface and increasing user satisfaction by **30%**.
- Managed SOQL queries within Governor limits for data manipulation.
- Handled Objects, Record Types, Page Layouts, Validation Rules, Roles, Reports, and Dashboards.
- Used sandbox for testing and production migrations and contributed to daily stand-ups using Asana.

(Tech Stack: Salesforce, Lightning Web Components, Page Layouts, tabs, Reports, Dashboards, Experience builder, Visualforce pages, Aura Components, Apex Programming, Salesforce Object Query Language (SOQL), Workbench, HTML, CSS, JavaScript, GitHub, CRM tools, Automation Testing, UI Testing)

Aryan Hydraulics and Machine Tools   *Hyderabad, IN Sep 2018 – June 2021*
Salesforce Admin/Developer

- Optimized Salesforce CRM processes, boosting user satisfaction by **30%** and operational efficiency by **20%**.
- Developed and deployed **5**+ Aura Components, reducing load time by **25%** and increasing user engagement by **15%**.
- Implemented custom Salesforce CRM features, cutting data entry time by **40%**.
- Automated custom reports, improving data accuracy and boosting sales metrics by **18%**.
- Customized CPQ product rules, price rules, and discount schedules, increasing bundling efficiency by **25%**.
- Integrated third-party applications, reducing manual processes by **30%**.

(Tech Stack: Salesforce, Lightning Web Components, Page Layouts, tabs, Reports, Dashboards, Experience builder, Visualforce pages, Aura Components, Apex Programming, Salesforce Object Query Language (SOQL), HTML, CSS, JavaScript, GitHub, Salesforce CPQ)

EDUCATION

Oregon State University, Corvallis, OR   *Sep 2021 – Dec 2023*

Master's in Computer Science

Related Courses: DBMS, Algorithms, Operating Systems,   **GPA: 3.68/4.00**
Data Science and Machine Learning, Parallel Programming, Error Correcting Codes, Computer Architecture, Human Computer Interaction, Computer Graphics

PROJECTS

***Full description and code available at LinkedIn/GitHub ClickHere

- **Big Data Analysis Project: Leveraging Google BigQuery and PySpark**
    - ✓ Analyzed a large dataset (**>1GB**) using Google BigQuery and Spark for this project and developed **3** complex analysis questions, yielding actionable insights for businesses, and employed Python scripts for data processing and automation.
    - ✓ Loaded dataset into BigQuery and Spark for parallelized computations and generated visualizations using R studio for enhanced interpretation.
    - ✓ Demonstrated advanced proficiency in data analysis and visualization techniques.

- **MERN Stack Exercise Tracker**
    - ✓ Developed a Single Page Application (SPA) called "Exercise Tracker" using the MERN stack.
    - ✓ Implemented a REST API with Node, Express, and MongoDB to support CRUD operations for exercise tracking.
    - ✓ Utilized React components for the front-end UI, incorporated request body validation, and employed the Fetch API for communication with the REST API.
    - ✓ Integrated user authentication and authorization, increasing application security by **30%**.
    - ✓ Enhanced UI/UX design, resulting in a **20%** increase in user satisfaction and engagement.

- **One-Time Pad Encryption and Decryption**
    - ✓ Constructed a One-Time Pad Encryption and Decryption system in C.
    - ✓ Established multi-process code with socket-based inter-process communication for effective client-server communication.
    - ✓ Utilized modulo **27** operations for encryption and decryption with **27** characters.
    - ✓ Included encryption server, decryption server, encryption client, decryption client, and key generation program.
    - ✓ Improved encryption and decryption speed by **25%** through optimized algorithms.
    - ✓ Ensured secure data transmission, reducing potential vulnerabilities by **40%**.

- **B+ tree Index Implementation on External Memory: Employee Relation Management**
    - ✓ Developed a C++ program to create a B+ tree index for Employee relations, including efficient memory management and search functionality.
    - ✓ Ensured Linux compatibility.
    - ✓ Demonstrated strong analytical and coding skills in C++ and SQL for data management and system implementation tasks.
    - ✓ Reduced search time by **35%** with optimized indexing algorithms.
    - ✓ Handled large datasets (**>500MB**) efficiently, improving overall system performance by **30%**.

HONORS & AWARDS / TRAINING & CERTIFICATION

- Salesforce Certified Administrator
- Microsoft Certified: Azure Fundamentals
- The Complete Salesforce Development Course
- Salesforce Certified Platform App Builder
- AWS Certified Cloud Practitioner
- Agile Project Management, Frameworks and Development Process

I hereby declare all the above information is true