



# 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

### Oregon State University

Corvallis, OR Feb 2023 – Current

#### Salesforce Developer

- Served as a mentor to **2** developers, nurturing their growth and proficiency within the dynamic Salesforce ecosystem and conducted rigorous code reviews for **10+** projects, ensuring strict adherence to best practices and coding standards.
- Actively participated in the full Software Development Life Cycle, focusing on system analysis, design, development, and testing.
- Organized and maintained Salesforce environment, ensuring data integrity, security, and high availability while achieving **99%** uptime for **100+** users.
- Developed over **8** Apex classes, **6** Controller Classes, and **5** Apex triggers to meet application needs, and managed Salesforce standard features.
- Created more than **8** Lightning Web Components (LWCs), enhancing the user interface, and increasing user satisfaction by **30%**.
- Managed SOQL queries within Governor limits for application data manipulation, leveraging Salesforce platform database objects.
- Handled Salesforce standard features including Objects, Record Types, Page Layouts, Validation Rules, Roles, Reports, and Dashboards.
- Utilized sandbox for testing and migration to production environments and contributed to daily stand-ups using Asana for effective project management.

(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, India Sep 2018 – June 2021

#### Salesforce Admin/Developer

- Optimized Salesforce CRM processes, leading to a **30%** increase in user satisfaction and a **20%** improvement in operational efficiency.
- Developed and deployed over **5** Aura Components, resulting in a **25%** reduction in load time and a **15%** increase in user engagement.
- Implemented custom Salesforce CRM features, including tabs, fields, Objects, Record Types, Page Layouts, and related lists, reducing data entry time by **40%**.
- Created and automated custom reports for standard and custom objects, improving data accuracy and providing actionable insights that boosted sales metrics by **18%**.
- Customized CPQ product rules, price rules, and discount schedules, aligning them with business strategies and increasing product bundling efficiency by **25%**.
- Collaborated with cross-functional teams to integrate third-party applications, enhancing system capabilities and reducing manual processes by **30%**.
- Monitored and managed Salesforce system health, ensuring **99.9%** uptime and swiftly resolving issues to maintain operational continuity.

(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)

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## 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

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## 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%**.

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## HONORS & AWARDS / TRAINING & CERTIFICATION

- 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

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*I hereby declare all the above information is true*