

Sarthak Raghuvanshi

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EDUCATION

Illinois Institute of Technology

Master of Science - Computer Science - GPA: 3.66/4.0

Relevant Coursework: Object Oriented Design and Programming (OODP), Advanced Database Organization, Software Project Management

Chicago, Illinois
August 2023 - May 2025

Acropolis Technical Campus

Bachelor of Technology - Computer Science and Engineering - GPA: 3.2/4.0

Relevant Coursework: Data Structures, Analysis Design of Algorithms, Software Engineering

Indore, India
August 2017 - May 2021

EXPERIENCE

Salesforce Summer Intern - CIBC Bank USA, Chicago IL, USA

June 2024 - August 2024

Azure DevOps Tools, Process Builder, Lightning Flows, Git, Python

- Designed and implemented a comprehensive DevOps pipeline for Salesforce application development, automating code validation on every pull request, dynamically generating metadata XML files, and publishing them as artifacts for efficient delta deployments.
- Collaborated with the developer team to deploy a private wealth application for a bank, ensuring seamless functionality and migrating Process Builder workflows to Lightning Flow with thorough testing and validation.

Senior Software Engineer - Persistent Systems, Pune, India

August 2020 - July 2023

Sales Cloud, Service Cloud, Salesforce LWC, Salesforce APEX, SOQL, Visualforce Page

- Directed the development of the Loan Origination System framework on Salesforce Sales Cloud. Led the development of 12 distinct sub-frameworks, each for single functionality, demonstrating adaptability and customization tailored to client needs for effective solution.
- Architected pivotal modules including document upload, query management, EMI calculation, and banking functionalities on Salesforce Lightning Web Component using JavaScript, Salesforce Apex, and SOQL, resulting in a 30% decrease in customer escalations and increased customer satisfaction.
- Developed 3 vital sub-frameworks (notification, verification, and assignment) out of 12, boosting loan origination efficiency by 20% and enhancing client satisfaction.

Software Developer - Persistent Systems, Pune, India

AWS S3, Marketing Cloud, Salesforce CDP, RESTful API

- Leveraged the Salesforce Customer Data Platform (CDP) to extract data from Amazon S3, MuleSoft, and Marketing Cloud via RESTful API calls in JSON format. Analyzed a dataset of over 30,000 records, leading to the identification and segmentation of highly targeted audience, resulting in a 20% increase in email open rates and a 15% boost conversion rates.
- Implemented Automated Pipeline and workflows for major clients' marketing campaigns using Salesforce Marketing Cloud, Email Studio, and Social Studio for multi-channel marketing, leading to a 15% increase lead conversion.

PROJECTS

PropertyPlus (ReactJS, NodeJS, ExpressJS, MongoDB, AWS Elastic Beanstalk, RESTful API)

- Built the end-to-end website of a highly scalable property management platform using ReactJS and NodeJS, enabling seamless property listing and sale transactions, resulting in a 35% increase in revenue and a 30% reduction in listing processing time.
- Used Firebase authentication for secure user access, achieving a 98% success rate and reducing login times by 30%.
- Enhanced website performance and data storage efficiency using MongoDB, supporting up to 500 concurrent users and 1 GB of storage.

Document Retrieval System (Python, Flask, Sklearn)

- Web data retrieval and document analysis system using Scrapy, extracting 300+ HTML files and generating JSON representations.
- Implemented text similarity and relevance scoring with Scikit-learn, calculating TF-IDF and cosine similarity for document comparison.
- Built a user interface in Flask to display results and retrieve relevant documents via API endpoints, with data stored and serialized using Python's pickle module.

Blog-Post Application (ReactJS, Appwrite, TinyMCE, JavaScript, Tailwind CSS)

- Created a responsive full-stack web application with Appwrite (Backend), utilizing React (Frontend), JavaScript, and Tailwind CSS.
- Enabled collaboration by integrating TinyMCE into React, allowing real-time editing and reducing document revision time by 40
- Efficiently managed data with Appwrite, showcasing robust management of backend data.

SKILLS AND CERTIFICATIONS

- Languages:** JavaScript (ES5/ES6), Python, C, Typescript, C++, CSS, HTML, Java, C, JSON, YAML
- Frameworks and Databases:** Node.js, Express.js, React, MongoDB, Firebase, SQL, Redis, Elasticsearch
- Tools:** Azure, Git, Postman, AWS, Linux, Powershell, Bash, Docker, Jira, Kubernetes, Kafka
- Skills:** Agile, Unit testing, REST APIs, Microservices, CI/CD, DevOps, Object Oriented Programming
- Certifications:** Salesforce: Platform Developer 1, Marketing Cloud Email Specialist, Marketing Cloud Administrator

HONORS AND ACHIEVEMENTS

- Received **Bravo award** for being in the top 10% of high-performing employees out of 15,000 within the company.
- Founding Member of Graduate Executive Team, Machine Learning Club at Illinois Institute of Technology (ML@IIT), 2023
- Graduate Pathway Scholarship: Illinois Institute of Technology, 2023