

### **Professional Summary:**

A highly skilled software developer with a strong command of data structures and algorithms, complemented by expertise in web development, cloud technologies, Machine learning and automation. Experienced in designing and integrating solutions across diverse domains, with a focus on improving user experience and optimizing processes. Proficient in building scalable applications and working with modern frameworks and APIs.

### **Technical Skills:**

- **Programming:** C++, Python, Java, JavaScript, TypeScript, HTML, CSS, SQL
- **Data Structures and Algorithms:** Proficient in solving complex algorithmic problems.
- **Technologies:** Generative AI, Salesforce Automations & Integrations, Selenium Automation, React, Angular, Spring Boot, Node.js, Express.js, MongoDB, Machine Learning, Full Stack Development.
- **Cloud platforms:** Salesforce, AWS (EC2, S3, DynamoDB, CloudWatch, AWS Lambda, VPC, Cloud Formation, Route 53)
- **Data Visualization & Reporting:** Salesforce Reports & Dashboards, Grafana Dashboard's, power BI
- **Other:** Git, GitHub, Kubernetes, Docker, CI/CD Pipe lines, Agile, Jira, RESTful API, Jenkins Pipeline, OAuth, Microservices Architecture

### **Experience:**

#### **University of Massachusetts, Lowell**

##### **Application Developer | July 2024 – Present**

- Integrating Einstein Copilot into Salesforce to generate concise, AI-driven summaries of student records, allowing academic advisors to quickly access relevant information without manually reviewing multiple records. This solution enhances efficiency and enables advisors to focus more on personalized student support and guidance.
- Established real-time integration between Salesforce and external web services. This integration facilitated seamless data exchange and ensured up-to-date information was available within Salesforce, improving operational efficiency and enabling real-time insights for key business processes.
- Designed and developed Apex classes & triggers, unit test classes, and well-engineered flows in Salesforce to meet business requirements.
- Integrated Salesforce with Python, utilizing Salesforce APIs, Improving data interaction across systems.

##### **Application Developer - Student Intern | Dec 2022 – May 2024**

- Used OpenAI APIs to recommend student clubs and activities, enhancing student experience.
- Worked on the Mosaic Project to develop a 360-degree view of student interactions, improving engagement tracking.

#### **TraceLink, Wilmington, USA**

##### **Software Engineer Intern | May 2023 - Dec 2023**

- Design and develop REST APIs to handle API requests and responses
- Improved system performance by optimizing payload information in API calls, reducing API response times for more efficient user interactions.
- Worked on Performance benchmark for Load test Using IN Query. Created Grafana Dashboard for App bundling projection.

#### **Tata Consultancy Services, National Grid-UK Client**

##### **Software Developer | Feb 2021 - Aug 2022**

- Enhanced the user registration process by building a web application using JavaScript, HTML, CSS, and the Lightning Web Components (LWC) framework, integrating it with Salesforce to enhance functionality and user experience.
- Performed In-sprint automation, regression testing on complex web pages using Selenium Automation (Java) and achieved 100% coverage. Created automation regression suite to test in different environments reducing manual efforts by 90%.
- Followed Agile delivery methodology and used DevOps CI/CD Jenkins deployment pipeline.

### **Education:**

- **Master of Science in Computer Science - 2024**  
University of Massachusetts Lowell, MA

### **Projects:**

- **Conversational AI with RAG ([Chatbot URL](#)):** Implemented a chatbot using Retrieval-Augmented Generation (RAG) techniques. Utilized Lang Chain library, Integrated MongoDB and Salesforce API, Leveraged OpenAI APIs.
- **AI powered Medical Scribe:** Developed the tool that processes doctor-patient audio conversations to generate accurate SOAP notes. Utilized OpenAI APIs for speech-to-text conversion and SOAP note generation.
- **Full-Stack Web Applications Using MERN Stack (MongoDB, Express.js, React, Node.js):** – [Travel APP](#), [Shikshana](#).
- **Application Development with Angular:** [Todo web application](#).
- **Stress Tracker App** using Transformer Model and Android Studio

### **Certifications and Awards:**

**Software:** Salesforce Platform Developer I Certification, Salesforce AI Specialist Certification, Service virtualization Certification, Certified LabVIEW Associate Developer.

**Awards:** Received "Star Performer of the month" Award in TCS.