

Jahnvi Amilineni

amilinenijahnvi@gmail.com | [\(5\) Jahnvi Amilineni](#) | +1(314)-575-0653 | California

EDUCATION

Saint Louis University (SLU)

Masters in science – Computer and Information Science (MSCIS) – GPA- 3.90/4

SAVEETHA University

Bachelor of Technology - Computer Science and Engineering – 7.7/10

SKILLS SUMMARY

- **Languages:** Java, Python, JavaScript, R, HTML5, CSS, TypeScript, PL/SQL/NoSQL-(MongoDB)
- **Frameworks:** Spring Boot, React.js, Node.js, Vue.js, Flask, Django, TensorFlow.
- **Library:** OpenCV, Scikit-Learn, Matplotlib, Pandas, NumPy.
- **Tools:** Visual Studio, Git, GitHub, Maven, Postman, Docker, Kubernetes, OpenShift, GCP
- **Technologies:** Data structures & algorithms, AL/ML, REST APIs, Microservices, WebSocket, Agile Development, CI/CD, AWS Basics, Jenkins
- **Frontend-Frameworks:** Angular.js, React.js, Redux, Tailwind CSS, Bootstrap, Figma (for prototyping)
- **Analytical Skills:** Statistics, Math, Tableau, Power BI, MATLAB, Excel, Responsive dashboards.
- **Soft Skills:** Problem-Solving, Debugging, Team Collaboration, Customer Obsession.

Professional EXPERIENCE

Excelerate | Data Analysts Associate Intern | United States | Internship

Feb 2025 – April 2025

- As a Data Visualization Associate Intern, I analyzed user data to derive actionable insights that helped inform key decision-making.
- My role involved developing interactive dashboards and visualizations in Power BI and Looker to help stakeholders track KPIs and identify performance trends.
- Created dynamic **dashboards** using **Power BI and looker**, enabling real-time monitoring of KPIs and driving data-driven decisions.
- Conducted exploratory data analysis using R and python (including PySpark and AWS Redshift) for A/B testing, and statistical tests to evaluate campaign performance.
- Mentored analysis in best practices for data visualization, helping the team deliver actionable insights to stakeholders.
- Cleaned, preprocessed, and ensured data accuracy and consistency across datasets.

Saint Louis University | ITS Student Worker | United States - Part Time

May 2024 – Aug 2024

- OS Rolling out Scheduling, Reviewed JAMF and SCCM to identify and update workstations to Windows 11 or MacOS Sonoma.
- Supported IT service management, software troubleshooting, and operations, ensuring smooth deployments and schedules.

Software Engineer | Intellect Design Arena | India - Full-Time

Aug 2020 – Aug 2023

- Developed backend & frontend solutions by using **Rest APIs services App's the programming skills used python, Django, Java, Spring Boot, and RESTful services for developed and maintained financial applications supporting banks like CIBC, HSBC, and UOB.**
- Collaborated on developing user interfaces (**UI**) using **JavaScript, React.js, and Angular.js**, ensuring seamless customer experiences.
- Conducted root cause analysis, debugging, and integration testing to resolve application issues and enhance performance.
- Designed and implemented common classes for Entity, Service, Controller, and DAO layers to streamline application architecture.
- Supported customer information management applications for **CIBC Canada Bank**, handling transactions and service endpoints.
- Developed solutions using **ActiveMQ and Kafka for messaging queues and worked with Oracle databases and PL/SQL commands** for efficient data processing.
- Enhanced team's frontend capabilities, contributing to responsive and user-friendly **web applications** using modern frontend frameworks.
- Designed interactive UI components using React.js and ensured cross-browser compatibility for better customer engagement.

Cloud Engineer Intern | Swift Safe | India

Dec 2020 - May 2021

- Utilized lean knowledge and tools to identify and assist with continuous improvement initiatives. Maintained timely and accurate oral and written technical reports of engineering activities.
- Researched and analyzed customer design proposals, specifications, manuals, and other data.

PROJECTS

Improvisation of crime detection system in car parking space using novel randomized block design analytics over Latin square design –RP

- The objective of the project is to design a project for reliable parking space identification with deep learning using A/B testing vs multivariate algorithm through AI. **Skills Used:** AI- (**Neural networks algorithm**), **python, OpenCV, Image Processing, deep learning and deep learning.**

Real-Time Collaboration Platform for Task Management

- Designed and developed a real-time **web application** for task management, enabling users to collaborate, assign tasks, and track progress dynamically. Implemented a responsive frontend using **React.js and Tailwind CSS** to ensure cross-device compatibility.
- Leveraged **WebSocket technology** for real-time updates, ensuring instant synchronization across user interfaces and integrated **backend services with Node.js and MongoDB** to handle user authentication, data storage, and **RESTful APIs**. Deployed the application using **Docker and Kubernetes** for scalability and reliability in a cloud environment.

Sentiment Analysis Dashboard for Social Media

- Created a dashboard that uses **sentiment analysis** on social media data to determine public opinion, sentiment trends, and brand perception. Used natural language processing (**NLP**) techniques to evaluate textual data from platforms such as Twitter, Facebook, and Reddit, resulting in actionable insights for marketing campaigns and brand management.