

## EDUCATION

**Master of Science, Computer Science | Chicago State University, Chicago, IL**

**Expected Graduation: May 2026**

**Relevant Coursework:** Advance DBMS, Algorithms, Machine Learning, Object-Oriented Programming.

**GPA: 4**

**Bachelor of Engineering, Computer Science | Visvesvaraya Technological University, Bengaluru, India**

**August 2013 - May 2017**

**Relevant Coursework:** Data structures, and Algorithms, Operating System, Computer Networks and Web development.

**GPA:3.65**

## PROFESSIONAL SUMMARY

Passionate Software Engineer with 7+ years of experience building scalable, high-performance web applications. Skilled in the full software development lifecycle, RESTful API design, and A/B testing to optimize user experience and application performance. Currently exploring AI integration in frontend frameworks to create intelligent and adaptive interfaces.

## TECHNICAL SKILLS

**Web technologies, Programming Languages and database:** HTML, CSS, JavaScript, TypeScript, Node.JS, GraphQL, Python, Machine Learning (NumPy, TensorFlow, pandas, scikit-learn, matplotlib, seaborn), CURL, JQUERY, MySQL, Elastic Search, MongoDB and PostgreSQL.

**Frameworks and Tools:** React JS, Redux JS, Next JS, Tailwind CSS, Git, AWS console, Azure portal, Microsoft SQL Server Kibana, Logstash.

**Key Competencies:** DSA and Algorithms, Problem solving, Debugging, Optimization, RESTful API, Software Engineering, SDLC.

**Certifications:** [Cloud Architect](#)

## PROFESSIONAL EXPERIENCE

**Walmart Global Tech India | Software Engineer 3**

**May 2022 – July 2024**

- Contributed to building a custom Design Language System(bluesteel). Implemented a CODEMOD for automatic migration and refactoring code to Bluesteel lib which reduced manual effort by 80%.
- Implemented UI features on Tires and Battery Centre module and implemented advanced error handling for cart and checkout page.
- Implemented new immunization vaccine features in the Sam's club Pharmacy platform.
- Spearheaded the "Multi-Patient Single RX Order" feature for Sam's Pharmacy, collaborating with cross-functional teams to enhance user experience and increase order value by 20%
- Improved UX and system reliability for the Sam's Club Next web app using modern technologies (Next JS, Tailwind CSS on Nx).

**Altran Technologies | Senior Software Engineer**

**April 2021 - May 2022**

- Modernized user interface for SSP|SEAS (IBM) enterprise application, improving usability.
- Collaborated with cross-functional teams to deliver scalable solutions.

**6D Technologies | Software Engineer**

**November 2019 - February 2021**

- Implemented Digital Network Services: Successfully developed prepaid, postpaid, and device management features for the Ooredoo project which boosted orders by 20%.
- Led production bug fixes, ensuring timely issue resolution.

**Vunet Systems | Software Engineer**

**July 2017 - November 2019**

- Implemented new adapters in the VuSmartMaps platform to collect data for dashboard visualizations using the ELK stack.
- Implemented a new visualization called Unified Transaction Map to show the network of all routers and its status using D3.js.
- Contributed to the migration of Kibana features from version 4 to 6.1 for the VuSmartMaps platform.

## ACADEMIC PROJECTS

**AI-Powered Code Reviewer & Bug Predictor(AI|ML| Web)**

Developed an AI-driven tool for automatic code review and bug prediction using Python, ML, and NLP. Trained an ML model on real-world GitHub bug datasets, achieving 85% accuracy, 0.82 F1-score, and 0.88 AUC-ROC score in bug detection. Integrated AST, Pylint, and Flask API to provide actionable code reviews. **Tech Used:** Python, Flask, Scikit-Learn, TensorFlow, GitHub API, Pylint, AST.

**AI-Powered Real-Time Public Sentiment Tracker for Brands(AI|ML)**

Developed an AI-powered sentiment analysis system using BERT + LSTM-based + FNN deep learning models, achieving 92.67% sentiment classification accuracy on 500K+ real-time tweets and reviews. Built an interactive React.js dashboard with Elasticsearch and PostgreSQL, reducing data retrieval time by 40% and enabling Business or Brands to monitor public sentiment effectively. **Tech Used:** Python, NLP LSTM, Machine Learning, MongoDB, Elasticsearch, Kafka, React.js

**Privacy preserving multi keyword ranked search over encrypted cloud data (Java):**

Implemented k-NN encryption for secure indexing and dynamic multi-keyword ranked search over encrypted tree data, optimizing search efficiency with a DFS algorithm for logarithmic complexity in operations (insertion, deletion, updates, parallel searches).