

PROFESSIONAL SUMMARY

Versatile IT professional with 2+ years of experience in **software development** and **infrastructure automation**. Proficient in **Python, Docker, Kubernetes, and CI/CD**, with **full-stack** expertise using **Next.js, Node.js & MongoDB**. Known for troubleshooting infrastructure issues, automating workflows, and developing scalable, secure solutions. Committed to high coding standards and performance optimization.



EDUCATION

Master of Science in Information Technology, Arizona State University, Tempe, AZ

May'24

Relevant Coursework: Advanced DBMS, Cloud Architecture, Software Engineering

GPA: 3.97/4.00

Bachelor of Technology in Computer Science, Rajiv Gandhi Technical University, India

May'21

Relevant Coursework: Data Structure, Analysis and Designing of Algorithms, DBMS, Programming Languages, OOP's

GPA: 3.79/4.00

PROFESSIONAL EXPERIENCE

Software Engineer, LMS Solutions Pvt. Ltd., India

May'21 – Jun'22

- Collaborated with backend development team to build an **Employee Management System** for 500+ users, streamlining data management using **MERN stack** technologies.
- Contributed to containerizing applications with **Docker** & automating deployments via **Kubernetes**.
- Assisted in resolving CI/CD deployment issues with the DevOps team, using Jenkins and GitHub Actions, following enterprise guidelines to improve efficiency and reliability.
- Optimized backend performance, improving server-side data processing speed by 25% through team-driven enhancements.

Software Developer Intern, OneHash Technologies Pvt. Ltd, India

Oct'20 – Apr'21

- Developed custom UIs & integrated **Salesforce & Mailchimp APIs** into OneHash CRM, increasing data capture efficiency by 85%.
- Automated **data transfers** using **Python** and **Frappe Framework**, improving database accuracy and reducing manual input time.
- **Troubleshoot** issues with testing team achieving 70% increased integration efficiency by streamlining workflows with **automation**.

ACADEMIC PROJECTS

Chatify - Full-Stack Chat App

Spring'24

- Developed **real-time chat App** with **React.js, Node.js, & Socket.io**, managing over **100 daily messages** with low latency.
- Implemented secure user authentication with **OAuth** and messaging features, ensuring seamless cross-device experience.
- Deployed on **AWS EC2**, used **S3** for image storage, optimizing infrastructure & reducing deployment time by **50%**.

Game Genre Analysis - Insightful Database Solution

Spring'23

- Designed a hybrid database solution using **MySQL, MongoDB, and Apache Kafka**, managing 70,000+ data entries.
- Created real-time dashboards with **Tableau**, improving decision-making by 40%.

ADDITIONAL PROJECT

Portfolio Website - Interactive and Responsive Showcase

Spring'24

- Built personal [Portfolio Website](#) using **Next.js** and **Tailwind CSS**, delivering a sleek, responsive design to showcase projects & skills.

RESEARCH EXPERIENCE

Research Aid - Arizona State University - FeastFinderAI Project with Prof. Tamuchin McCreless

Sep'24 – Present

- Contributing to **FeastFinderAI**, a **spatial data & ML project** using **Python** and **Scikit-learn** to predict optimal restaurant locations, enhancing decision-making through analysis of **NYC data** and reducing prediction errors by **15%** via model optimization.
- Developing geospatial visualizations using **Folium**, aiding in **data-driven** decision-making for restaurant entrepreneurs.

TECHNICAL SKILLS

- **Programming & Markup Languages:** JavaScript, Python, Java, TypeScript, XML, Shell Scripting, IDE Extensions.
- **Web Development & Frameworks:** React.js, Next.js, Node.js, Express.js, Django, HTML/CSS, Tailwind CSS, RESTful APIs.
- **Cloud & DevOps:** AWS, Azure, Kubernetes, Docker, Jenkins, CI/CD pipelines.
- **Databases & Systems:** MongoDB, MySQL, PostgreSQL, Oracle, DynamoDB, Redshift, S3, Windows Linux/Unix.

CERTIFICATIONS AND ACHIEVEMENTS

- **AWS Certified Cloud Practitioner (CLF-C02)**
- **Research Paper Publication:** Air Quality Monitoring System