

# SANJAY BASKARAN

Portfolio: [sanjay-baskaran.vercel.app](https://sanjay-baskaran.vercel.app)  
Github: [github.com/SanjayB-28](https://github.com/SanjayB-28)

[sanjay.baskaran@colorado.edu](mailto:sanjay.baskaran@colorado.edu) / +91 9361034596  
Linkedin: [www.linkedin.com/in/sanjayb-28](https://www.linkedin.com/in/sanjayb-28)

## EDUCATION

- University of Colorado Boulder** Colorado, U.S.A  
*Master's of Science in Computer Science* Aug 2024 - Present
- Vellore Institute of Technology (VIT), Vellore** Tamil Nadu, India  
*Bachelor of Technology in Information Technology (CGPA: 8.66/10)* July 2018 - May 2022

## SKILLS SUMMARY

- Languages:** **Java**, **JavaScript**, CSS, HTL, **TypeScript**, HTML, SQL, NoSQL, C++, C, Python
- Frameworks / Libraries:** Express.js, **React.js**, Next.js, Bootstrap, **Tailwind**, **JUnit5**, Mockito
- Tools:** **Git**, Docker, **Kubernetes**, Maven, Linux, **Jira**, REST APIs, MongoDB, PostgreSQL, Azure, **AWS**
- Skills:** Back-end, Front-end, **DevOps**, Unit testing, Micro-services, **CI/CD**, SCRUM, Kanban, **Agile**, AEM

## EXPERIENCE

**Adobe Inc - Associate Technical Consultant / AEM Developer** Jul 2022 - Jun 2024  
*Bangalore, India*

- Utilized:** AEM 6.5 and AEM as a Cloud Service to develop scalable and customized digital experiences for global enterprises, resulting in a 15% increase in customer engagement and a 45% reduction in page load times.
- Designed:** and customized AEM components, templates, and policies using Java, Sightly, Sling Models, Servlets, JCR, and OSGi. Successfully implemented 50+ reusable components across various customer accounts.
- Integrated:** AEM with Adobe Commerce, Adobe Target, and Adobe Analytics, enhancing cross-channel marketing effectiveness and streamlining content management with workflows, reducing manual intervention by 80%.
- Implemented:** RESTful services, enhancing system connectivity and reducing data retrieval times by 35%. Migrated legacy systems to AEM and managed transitions to AEM as a Cloud Service.

**Tata Consultancy Services - Project Intern** Feb 2022 - Jun 2022  
*Bangalore, India*

- Contributed:** to a Real Estate Management System proof of concept by developing a property management module using Java and Spring Boot, enabling efficient property listings and searches.
- Enhanced:** system security by implementing user authentication and authorization using OAuth 2.0 and JWT, reducing authentication errors by 40% and ensuring secure, smooth user interactions.
- Implemented:** Azure Blob Storage for storing and managing property images and documents, creating a seamless process for uploading, retrieving, and displaying media files. This solution reduced data retrieval time by 25%.

**Edulyt India - Data Analyst Intern** Jun 2020 - Jul 2020  
*New Delhi, India*

- Developed:** scripts in Python using libraries like Pandas and NumPy for preprocessing and cleaning student academic data from over 50,000 records, resulting in a 18% reduction in data inconsistencies.
- Created:** interactive dashboards using Tableau to visualize key performance metrics such as attendance rates and exam scores. This improved data accessibility for educators and administrators.

## PROJECTS

- MoodTunes:** Developed a dynamic music player using React, Node.js, and TensorFlow.js that curates playlists based on user mood analysis via sentiment detection. Styled with Tailwind CSS and integrated with the Spotify API for real-time music recommendations.
- InstaChef - Recipe Finder:** A smart application using Next.js and Express that suggests recipes based on available ingredients, integrated with Spoonacular API, and styled with Tailwind CSS.
- ImageToonify:** Created a web app with React and Express that transforms uploaded face images into cartoon versions using the DeepAI API. Features include image preview, download functionality, and seamless user interaction.

## CERTIFICATIONS

- Azure Fundamentals:** Microsoft Certified
- Adobe Experience Manager Sites for Developers - Professional:** Adobe Certified
- Security Analyst (SSC/Q0901) NSQF Level 7:** National Association of Software and Service Companies (NASSCOM)