

# SAMEER KUMAR

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## Education

**Bachelor of Technology in Computer Science and Engineering** July 2022 – July 2026

*Vellore Institute of Technology Bhopal, Madhya Pradesh* CGPA: 8.67

**Higher Secondary Certificate (12th Grade)** April 2022

*Ananth Pre-University College, Bengaluru, Karnataka* KSEEB — Percentage: 91.67%

**Secondary School Certificate (10th Grade)** October 2020

*Ananth International School, Bengaluru, Karnataka* ICSE — Percentage: 92.8%

## Professional Experience

**Machine Learning Intern** November 2024 – January 2025

*iNeuron Intelligence Pvt Ltd, Bengaluru* [🔗 Certificate](#)

- Engineered plagiarism detection system using advanced machine learning algorithms, enhancing accuracy and accelerating processing time.
- Orchestrated cross-functional team of 5 developers through complete project lifecycle, achieving all milestones on schedule.
- Architected comprehensive testing and deployment strategies, minimizing system bugs and boosting overall reliability

## Technical Projects

**V-Slot - Academic Scheduling System** | *HTML, CSS, JavaScript, Firebase* [🔗](#) January 2023

- Designed "Vslot," a timetable management website using HTML, CSS, JavaScript, and Firebase, supporting 14K+ reads and 500+ writes weekly.
- Implemented user authentication, real-time data handling, privacy controls, Request and Active users information.
- Deployed scalable Firebase solutions with over 1.08MB downloads weekly, achieving a 23:1 read-to-write ratio (14K reads, 593 writes) by optimizing database queries and caching for enhanced performance.

**VITsta360 - Virtual Campus Tour** | *HTML, CSS, JavaScript, Three.js, Blender* [🔗](#) January 2024

- Pioneered interactive virtual tour platform featuring 360-degree panoramic views of 10+ campus locations, serving 500+ students.
- Crafted responsive interface with 20+ interactive hotspots leveraging Three.js and Blender for immersive 3D visualization.
- Streamlined rendering performance achieving consistent 60fps frame rate and seamless cross-platform compatibility.

**ingreSnap - Ingredient Analysis Tool** | *React, TypeScript, Tailwind CSS, Tesseract.js* [🔗](#) November 2024

- Pioneered OCR-powered ingredient analysis tool empowering consumers with real-time allergen detection and comprehensive nutritional information.
- Collaborated seamlessly with 9-member multidisciplinary team under faculty supervision to deliver production-ready web application.
- Optimized advanced text processing algorithms achieving 85% precision in ingredient recognition from captured images.

## Technical Competencies

**Programming Languages:** Java, C++, SQL, HTML, CSS, JavaScript

**Frameworks & Technologies:** React.js, Spring Boot, Three.js, Maven, REST API, MongoDB

**Development Tools & Platforms:** Git, GitHub, AWS Cloud, Google Street View API, Blender, Eclipse, IntelliJ IDEA

## Professional Certifications

**Industry Certifications:** [🔗 Operations Job Simulation](#) (Goldman Sachs), [🔗 AWS Academy Cloud Architecting](#) (AWS Academy), [🔗 Marketing Analytics](#) (NPTEL), [🔗 DevOps Fundamentals](#) (IBM)

**Technical Certifications:** [🔗 Cloud Computing](#) (NPTEL), [🔗 Computer Networking Fundamentals](#) (Google)

## Achievements & Leadership

- Competitive Programming:** Competed in prestigious hackathons including Adobe, Walmart, and Smart India Hackathon
- Leadership Experience:** Event Management Coordinator at Blockchain Club, VIT Bhopal
- Business Development:** Spearheaded strategic planning for FAVAPAY Project with comprehensive market analysis and pitch deck development

## Additional Information

**Languages:** English (Fluent), Hindi (Native), Kannada (Conversational)

**Project Coordination:** Supervised team of 5 developers, resolved 15+ technical challenges while consistently delivering projects on schedule

**Personal Interests:** Fitness training, Volleyball, Strategic chess