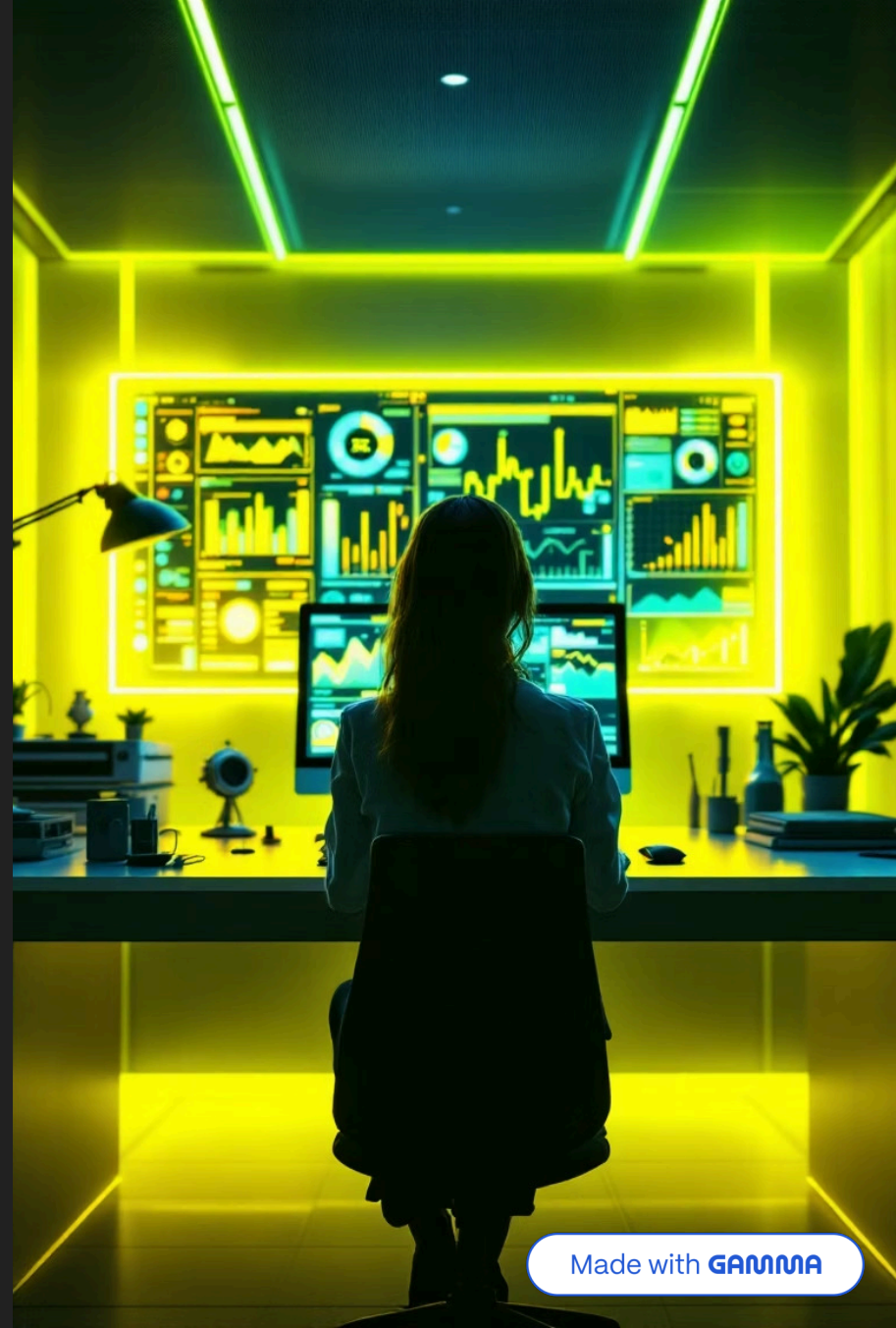
# Sneha Javali

Engineer | A.P.S College of Engineering Somanahalli

Passionate about data insights, AI-driven solutions, and innovative technology. Building bridges between complex data and meaningful decisions through hands-on experience in data visualization, machine learning, and full-stack development.

Get in Touch

Call: +91 8123040713



# Professional Experience

1

## IBM CSRBOX: Data Insights

Analyzed data using MS Excel to derive actionable insights for decision-making. Collaborated with team members to create reports and presentations based on data findings.

**Nov 2023**

2

## IBM CSRBOX: AI Visualization

Gained hands-on experience in data visualization using AI-driven tools. Analyzed and interpreted complex datasets to create insightful visual representations, enabling better data comprehension.

**Dec 2023 – Jan 2024**

3

## Infosys Springboard Virtual

Participated in an industry-oriented virtual learning program, gaining practical exposure to real-world IT and business solutions. Engaged in hands-on projects under the mentorship of Infosys professionals.

Oct 2023 – Present

# Technical Skills

## Programming

Python, C++, C, Java, JavaScript, Express.js, HTML5

## Core Concepts

Data Structures & Algorithms, Object-Oriented Programming

## Professional Skills

Team Collaboration, Problem-Solving, Communication

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# Featured Projects

## Virtual Mouse Using Eye Movements

This innovative human-computer interaction system enables cursor control solely through eye gaze. It leverages computer vision, machine learning, and real-time eye tracking to simulate mouse actions, including movement, clicks, and drags. The system is designed for enhanced accessibility and convenience.

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# AI & Enterprise Solutions

## 1 AI-Based Visa Eligibility Screening

Building an LLM-powered visa eligibility screening agent that evaluates user qualifications for visa types based on structured inputs and a pre-curated policy knowledge base. Currently in development at Infosys Springboard.

## 2 Food Delivery System from Cloud Kitchens

A technology-driven platform streamlining food preparation and delivery. It leverages cloud kitchens to efficiently handle online orders and deliver meals via third-party apps or integrated delivery networks.

## 3 AI Chatbot for College Services

Developed an intelligent chatbot assisting students with college information and services queries, improving accessibility and response times for common student inquiries.

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# Education & Credentials

### Secondary Education

TMAES DAV Public School, Hospet, Karnataka (10th Grade)

### Pre-University

Sri Guru PU College, Hospet, Karnataka (12th/PUC)

### Engineering Degree

A.P.S College of Engineering, Somanahalli, Bangalore (Aug 2022 – Present)

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# Professional Certifications

### Python Fundamentals

Infosys Springboard certification, covering syntax, data types, loops, functions, and problem-solving techniques for beginners.

### Ethical Hacking Megamind

Intensive workshop by Nikistian Media, covering penetration testing, vulnerability assessment, network security, and cyber defense strategies.

### Data Science & Analysis

Comprehensive training in data analysis with Python, foundational Excel skills, and real-time project experience, delivered through IBM Skill Build and NullClass.

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# Advanced Learning Path

### UML Training

Unified Modeling Language fundamentals

1

### Distributed Systems

System architecture and scalability

2

### Cybersecurity

Security fundamentals and defense

3

### Generative AI

ChatGPT and AI applications

4

Continuous learning across multiple platforms, including Infosys Springboard, IBM Skill Build, Coursera, and TATA Communications. Specialized training includes Python for Data Science, Programming Fundamentals, and resume optimization with Generative AI.

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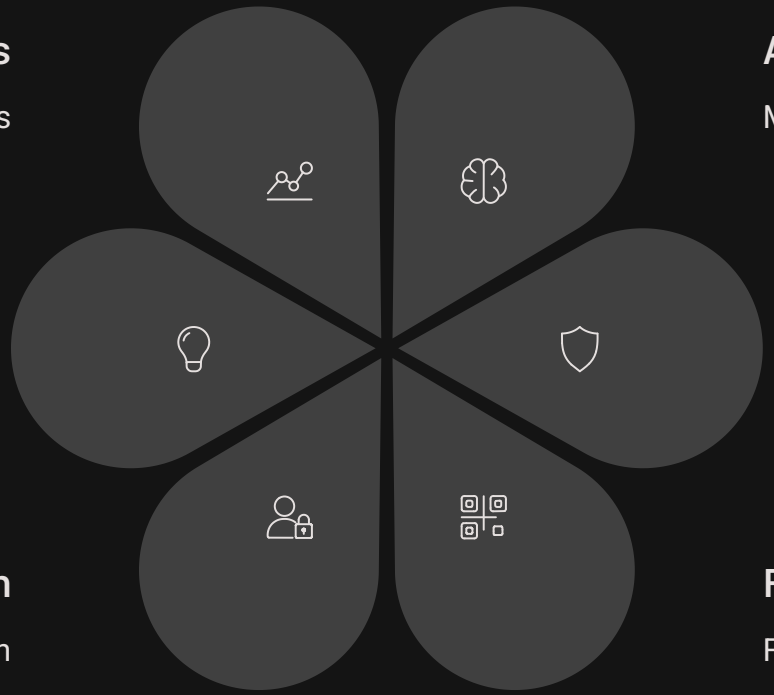
# Core Competencies

### Data Analysis

Excel, Python, visualization, insights

### AI & ML

Machine learning, LLMs, chatbots



### Innovation

Problem-solving, creative solutions

### Cybersecurity

Ethical hacking, vulnerability assessment

### Collaboration

Team projects, mentorship, communication

### Full-Stack Dev

Frontend, backend, databases

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# Let's Connect

Driven by curiosity and a passion for technology, I am actively seeking opportunities to apply my skills in data analysis, AI development, and software engineering. With hands-on experience across multiple domains and a commitment to continuous learning, I am ready to contribute to innovative projects and grow with forward-thinking organizations.


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