

# SANTOSH KS

Bangalore • 8088743251 • santoshkmaxie@gmail.com

<https://github.com/SANTOSHKAMAL1>

<https://santoshkamalportfolio.netlify.app/>

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## SUMMARY

Graduate Of Computer Engineering With More Than 3 years Of Hands-On Experience Working Across The Full-Stack Of Software Development. I've Built A Few Projects By Myself And I'm Looking For A Role Where I Can Grow And Learn From Other Experienced Team Members

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## WORK AND INTERNSHIP EXPERIENCE

### ASP.NET Developer ,Eazy Erp Technologies Pvt Limited

Jan 2023 - August 2023

- Developed and maintained ASP.NET web applications for enterprise-level clients, including Bharat Petroleum.
- Collaborated with cross-functional teams to deliver scalable ERP solutions.
- Optimized application performance and handled backend logic, database connectivity, and user interface improvements.

June 2024 - August 2024

### Web developer ,Innovate Intern

- Built full-stack web applications using the MERN stack (MongoDB, Express.js, React, Node.js).
- Integrated RESTful APIs with backend services developed in Python Django for data handling.
- Participated in version control and deployment using Git and cloud platforms.

### Academic Intern ,Office Of Academic Jain University

Feb 2025 - Present

- Contributed to the optimization of academic workflows through the digitization of document management and course data handling.
  - Strategic planning and execution.
  - University Designed and developed academic web portals using Python Django. Assisted in streamlining academic workflows by digitizing document handling and coursedata management.
  - Content creation and messaging development.
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## EDUCATION

### Master of Computer Science in CS and IT

Sep 2022 - Present

Jain Deemed to be University

### Bachelor of Science in Civil Engineering

Aug 2015 - Aug 2019

Surana College , Bangalore University

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## PROJECT'S

### PYTHON FULL STACK:

Framework: Django

Title: Online Ebook Resource

### PYTHON FULL STACK:

Framework: Django

Title: STUDENT ERP Management

STUDENT WEB Portal for updating marks, attendance, and fees.

- **A-star Algorithm:**
    - Title: Pathfinding
    - Purpose: To determine the shortest path between two distances
  - **ASP.Net:**
    - Framework: C#
    - Title: Online Journalism
      - A platform where users can read news and upload their own articles, similar to Twitter, allowing viewers to share their news on the website.
  - **Accenture North America Data Analytics and Visualization Job Simulation on Forage - June 2024**
    - Completed a simulation aimed at advising a hypothetical social media client as a Data Analyst at Accenture.
    - Cleaned, modeled, and analyzed seven datasets to reveal insights into content trends for strategic decision-making.
  - **SARSTATIC DEDUCTION NLP:**
    - Analysis of Twitter comments and classification using the K-Means clustering algorithm.
  - **PYTHON FULL STACK:**
    - Framework: Django
    - Title: Vehicle Service Management
      - An online motor vehicle service platform.
  - **PYTHON FULL STACK:**
    - Framework: Django
    - Title: Blog Page
  - A social website page.
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## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C#, HTML, C++, MySQL, C, CSS, Data Structures and Algorithms (DSA), MongoDB, Jupyter Notebook.

**Applications:** Microsoft Visual Studio (versions 22, 15, 19), PostgreSQL, DBeaver, Postman, Visual Studio Code, Powerbi

**\*Platforms and Frameworks:** SQL, Microsoft SQL Server, ASP.NET, Django.

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## CERTIFICATION

- DSA - Infosys Springboard
  - Introduction to Python - IBM
  - Artificial Intelligence - Simplilearn
  - Data Analyst - Accenture Data Science
  - Java Programming - Infosys Springboard
  - C Programming - Coursera
  - Advanced SQL - IBM
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## ACHIEVEMENT:

- Attended the NSS State Camp
- Received the Achievers Award for the years 2023-2025
- Participated in the Code Bingo Hackathon
- Served as a coordinator for virtual sessions for junior members
- Volunteered at the NSS Sports Event

# Area of Interest:

**Data Analytics & Visualization:** Data analysis using Power BI, Excel, and automation tools; visual dashboards and report generation.

**Automation & Workflows:** Newsletter generation, email automation using n8n, Zapier, and custom scripts; improving operational workflows.

**Creative Designing:** Poster creation, social media designs, and branding using Canva, Adobe Spark, and similar tools.

**Video Editing:** Basic to intermediate editing for promotional or academic content.

**Presentation & Documentation:** Expertise in MS PowerPoint, MS Word, and Excel for professional reporting and documentation.

## **Web Development:**

Frontend: HTML, CSS, JavaScript, React.js

Backend: Python (Django, Flask), Node.js

Database: MongoDB, PostgreSQL, SQLite

Full Stack Projects: Portfolio website, service management systems, video chat applications

Version Control & Deployment: Git, GitHub, Docker, and deployment on platforms like Heroku, Vercel, and AWS.

**Newsletter & Communication Tools:** Mailchimp, Gmail automation, and internal newsletters.

**Prototyping & UI/UX:** Designing app/web layouts using Figma or Canva mockups.

**Project Management & Collaboration:** Trello, Notion, Slack, Microsoft Teams.

**Programming Skills:** Python, JavaScript, SQL, Bash (basic), C#.NET

**AI & ML :** Worked on projects involving sarcasm detection, low-light image enhancement using image processing techniques.

**Academic Interests:** Knowledge Management Systems (KMA), Event Calendar Systems

**Soft Skills:** Team collaboration, communication, time management, adaptability, quick learning.

## **Internship Experience & Ongoing Projects**

Over the past few months, I've been working as a Web Development Intern at Jain (Deemed-to-be) University, where I've had the opportunity to explore multiple areas—from backend development to creative design and automation.

### **During this internship:**

- I contributed to the KMA (Knowledge Management Architecture) system by improving accessibility and backend structure, especially focusing on making the University Event Calendar easier to use and navigate.
- I designed and created event posters, and handled visual content for academic and cultural activities.
- I also helped draft structured event reports, combining both visual and written communication.
- Currently, I'm initiating a new project focused on Faculty Progress Monitoring, where I'm responsible for the design and development of the entire system. The idea is to streamline how faculty members update their academic progress and allow department heads to track, approve, and generate reports. I'm handling both the UI/UX design and the backend logic, using tools like Django, PostgreSQL, and Bootstrap/React for the frontend. This internship has given me real-world exposure in handling university-scale systems, collaborating with academic offices, and balancing both tech and creative responsibilities.

## **Full-Time Commitment & Contribution**

I'm fully committed to continuing my journey with complete dedication. I plan to complete all ongoing projects including the Faculty Progress Tracking System and ensure they are fully functional, tested, and hosted for real-time use. I'm ready to take ownership, contribute actively, and deliver high-quality work.

For the next one year, I'm looking forward to working full-time and contributing across both technical and creative areas, whether it's building web platforms, designing user-friendly interfaces, automating internal processes, or handling communication materials. I strongly believe in completing what I've started and pushing every project to a production-ready level. I promise to give my best effort and consistent results throughout.