

Ankitha N K

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EDUCATION

Atria Institute of Technology

B.E-Computer Science & Engineering, CGPA: 9.24

St. Joseph's Indian Composite PU College

PCMC, CGPA: 10

Bengaluru, India

December 21- June 25

Bengaluru, India

June 19- March 21

SKILLS SUMMARY

- **Programming Languages:** Python, Java, JavaScript, C++, SQL
- **Backend Development:** API development
- **Frontend Development:** HTML, CSS, JavaScript, React
- **Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js), Flask (Python)
- **Database Management:** MongoDB, MySQL, PostgreSQL
- **Soft Skills:** Communication Skills, Problem Solving, Adaptable, Critical Thinking

WORK EXPERIENCE

Software Developer Intern | Techcanopy Software Labs

October 24- Present

- Contributed to Signpost India, a core project using React, Node.js, Express, and PostgreSQL for scalable and efficient development.
- Designed and tested RESTful APIs using Postman, ensuring secure and seamless data flow across systems.
- Built validation schemas for backend operations, enforcing data integrity and aligning with business rules.
- Worked on the Work Order Management module, adding duplicate prevention and dynamic redirects.
- Developed a booking form with robust data handling and user-friendly validations.

Entrepreneurship Intern | Atria Institute of Technology

October 23- November 23

- Developed a mental health website under the guidance of MBA faculty to support stress management and connect students with college psychologists.
- Utilized HTML, CSS, and JavaScript to create a user-friendly interface with seamless navigation for enhanced access to mental health resources.

PROJECTS

Social Media Management System

December 23- March 24

- Created an interactive platform for user registration, follow/unfollow, retweets, and comments using CSS, PHP, and SQL Server.
- Utilized AJAX and jQuery for dynamic content, allowing users to share tweets and images.
- Enabled user engagement with unique usernames and social interactions similar to major social networks..

Attendance Management System Using Face Recognition

May 24- August 24

- Created a face-based attendance system using Python and OpenCV with Haarcascade classifier for real-time face detection.
- Captured and processed webcam images to identify unique facial features for authentication against a database.
- Automated attendance tracking, enhancing efficiency and accuracy over manual methods..

AI Driven Multilingual PIB Press Video Generation

October 24- January 25

- Designed a system to convert PIB press releases into videos with multilingual support, including five Indian languages, integrating NLP technologies.
- Enabled seamless photo uploads and selection to enhance video customization.
- Incorporated natural language summarization, translation, and voice synthesis for automated and accurate video generation.

CERTIFICATIONS

Python & AIML (Infosys Springboard) | [Link](#)

- Gained proficiency in Python programming for AI and machine learning applications.
- Learned to implement basic AI/ML algorithms for data analysis and automation.

Data Science (Nasscom) | [Link](#)

- Learned data analysis, visualization, and machine learning techniques.
- Gained skills in handling large datasets and building predictive models.

Big Data (IBM) | [Link](#)

- Gained expertise in big data concepts, tools, and technologies like Hadoop and Spark.
- Learned to analyze large datasets and implement data-driven solutions.

Cybersecurity (Coursera) | [Link](#)

- Learned key concepts like risk management, cryptography, and network security.
- Gained skills in identifying and mitigating security threats.