

ANUSHA VENKATESH

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EDUCATION

Illinois Institute of Technology | Chicago, IL

Aug 2024 - Present

Master of Science, Computer Science

Women in Cyber Security member

Coursework: Advanced Database, Software Project Management, Information Security

Bangalore Institute of Technology | Bangalore, KA, India

Dec 2020 – Jun 2024

B.Tech, Information Science and Engineering | **CGPA:** 8.72/10

Class Representative for Placement Club | Technical Co-Lead, Node.Ai

Coursework: OOP, DSA, Analysis of Algorithms, Operating Systems, DBMS, Artificial Intelligence, Networking,

SKILLS

- Programming Language: Java, Python, C++, C, JavaScript
- Web technologies: HTML, CSS, Bootstrap, ReactJS, NodeJS, PHP
- Tools: Git, GitHub, VSCode, Android Studio, Linux, MS Project Professional 2021
- Database: MySQL, MongoDB
- Soft Skills: Leadership, Event Management, Public Speaking

EXPERIENCE

SDE Intern, Desi QnA, Bangalore

Oct – Nov 2023

- Designed and developed the user registration for the Desi QnA webpage, enhancing security by eliminating fraudulent bots and integrating Google ReCAPTCHA to prevent fake registrations.

Intern, Princetons Smart Engineers, Bangalore

Aug 2023

- Implemented machine learning algorithms for a Campus Recruitment prediction project using decision tree and random forest classifiers, addressing data quality issues, optimizing performance, and achieving 90.7% accuracy with hyperparameter tuning via GridSearchCV.

ACADEMIC PROJECTS

Socio-economic Status Classification for Poverty Mitigation(Image Processing)

Dec 2023 - May 2024

- Improved poverty prediction by classifying cities into poverty levels into high, medium and low using satellite images and census data, with enhanced accuracy through CNN (ResNet50) and Gaussian blur.

Calculator Automation

Jul – Aug 2023

- Utilized SELENIUM and ROBOT framework to design a driver program to validate the calibration of the standard version of the calculator by executing various test cases and comparing obtained results.

Number Ninja Math Application

May – Aug 2023

- Collaborated on an android math gaming app using XML for user interaction and JAVA for robust backend
- Designed for children in the age group 5-14, integrated with two different gaming options: Arithmetic and Memorize, inclusive of features such as About, Game Categories, Help and High Scores.

Fritter- Twitter Clone

Dec 2022 – Mar 2023

- Developed a full-stack Twitter clone using HTML, CSS, JavaScript (frontend) and PHP, MySQL for backend featuring user interactions like login, follow, retweets, and comments
- Differentiated from conventional Twitter with unique functionalities such as tweet editing within two hours and voice messaging

Business Consultancy Website, Verzeo

Jun – Jul 2022

- Developed a responsive front-end website using HTML, CSS, JavaScript with media queries for user-friendly experience, featuring company information, services, and contact details

CERTIFICATIONS AND TRAININGS

- Front end web development certification - **Verzeo Edutech** ([Link](#))
- Java fundamentals certification, **InternPe** ([Link](#))
- Java Masterclass - **Udemy**
- Full stack web development certification – **Udemy** ([Link](#))
- Data Structures and Algorithms in JAVA - **Udemy** ([Link](#))
- HackerRank certifications: [JAVA](#) , [SQL](#)