

Tanay Yadav

[Email](#) | [LinkedIn](#) | [Github](#) | +1-8622305500

EDUCATION

New Jersey Institute of Technology, Newark, New Jersey - United States
Masters in Computer Science

August 2024 – June 2026

JSS Academy of Technical Education, Noida, Uttar Pradesh - India
Bachelor of Technology in Computer Science and Engineering

June 2015 – August 2019

WORKEXPERIENCE

CAREER DEVELOPMENT SERVICES / CECC - NJIT | *Web Specialist*

September 2024 | USA

- Enhanced the capabilities of web applications, including **Esther's Project** and **DBCANNJ**, by optimizing functionalities and ensuring full adherence to **JAWS screen reader** accessibility compliance standards.

TATA CONSULTANCY SERVICES | *System Engineer*

July 2019–September 2023 | India

- Spearheaded key projects, including **CITI Credit Card Services**, **Costco**, **Visa** and **MasterCard**, **CITI Flex loan services** and rewards, **PEGA Solutions**, and **Royal Bank of Scotland Credit Card Services**.
- Designed and implemented modules that **replaced third-party tools**, achieving cost savings of **\$15,000**. Effectively managed production disruptions and received **dual recognition** for exemplary contributions.
- Facilitated communication between business and IT teams to streamline processes. Translated business requirements into **technical specifications** and **developed application code**.

ALL INDIAN COUNCIL FOR TECHNICAL EDUCATION | *Frontend Engineering Intern*

Aug 2018– Sept 2018 | India

- Elevated the development of the **Visitor Management Portal** for AICTE, transforming the system from manual to digital for the organization's board using **BOOTSTRAP**, **JavaScript**, **PHP**, and **MySQL**.
- Revamped the **AICTE e-governance portal** and organizational website, optimizing code to **eliminate redundancy** and **enhance time efficiency**.

PROJECTS

My Portfolio:

- This serves as my portfolio, offering comprehensive insights into my contributions to the field of web development and showcasing the projects I've undertaken throughout my journey.

Secure-image-transmission:

- For my final year project, I implemented a procedure that transforms user-supplied images into mosaic images using Voronoi diagrams. Additionally, the project involves the capability to embed an image within another image or document, creating an encrypted image to ensure secure data transmission.

Visitor Management System:

- We initiated and executed the development of the AICTE portal from the ground up, focusing on optimizing visitor management processes to enhance overall efficiency.

LANGUAGES AND TOOLS

- Languages:** C, JAVA, PYTHON, COBOL, JCL, Matlab.
- Web-Technologies:** HTML5, CSS3, BOOTSTRAP, JavaScript, JQuery, React.js, Angular, PHP, Drupal, Node.js, Express.js, EJS.
- Platform:** VSCODE, WebStorm, GIT, GITHUB, WordPress, JIRA, IBM RDZ, CMAN, CICS, ECLIPSE, ATOM, XAMP, MATLAB, Mainframe.
- Databases:** SQL, PostgreSQL, DB2.