

# Nikshipta Pappu

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## TECHNICAL SKILLS

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**Languages:** C, C++, Java, Python

**Web Development:** HTML, CSS, JavaScript, React.js, XML, JSON, Node.js, Express.js, jQuery

**Database Management:** MySQL, PHP, MongoDB

**Version Control:** GitHub

**Libraries:** Sci-kit learn, Pandas, NumPy, Matplotlib

**Tools and Technologies:** Natural Language Processing, Deep Learning

**Problem Solving:** Data Structures and Algorithms in C++

## EDUCATION

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**National Institute of Technology Andhra Pradesh**

*Bachelor of Technology in Computer Science*

Dec. 2021 – present

*CGPA: 8.48*

**FIITJEE Junior College**

*Intermediate School*

Jun. 2019 – Apr. 2021

*Percentage: 98.1*

## PROJECTS

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**Portfolio Website** | *HTML, CSS, JavaScript*

May 2024

- \* Designed an intuitive and responsive user interface to showcase projects and skills.
- \* Implemented dynamic content loading and contact form integration.
- \* GitHub Repository: <https://github.com/nikshipta-20/portfolio>
- \* Website URL: <https://nikshipta-portfolio.netlify.app/>

**Spectral based Outlier Detection** | *ML, NumPy, Sci-kit learn, K-means Clustering, Matplotlib*

Feb. 2024–Apr. 2024

- \* Developed Scalable FairSC (s-FairSC), an efficient algorithm for detecting anomalies in data while ensuring equity in clustering outcomes.
- \* Implemented outlier detection strategy combining k-nearest neighbor (kNN) with s-FairSC, with Lymphography dataset.
- \* GitHub Repository: <https://github.com/nikshipta-20/outlierdetection-sfsc>

**FitHub - an Online Fitness Website** | *MERN Stack*

Jan. 2024–Apr. 2024

- \* FitHub is a dynamic and user-friendly web application designed to help users achieve their fitness goals through personalized workout plans, nutritional guidance, and progress tracking. The platform integrates a variety of features aimed at enhancing the user experience and providing valuable fitness resources.
- \* GitHub Repository: <https://github.com/nikshipta-20/fitHub>

**World Clock** | *HTML, CSS, JavaScript, SVG Image*

Aug. 2023–Sep. 2023

- \* Views the current time for various cities by clicking on corresponding SVG icons.
- \* Implemented real-time updates to ensure accurate time display for each city, taking into account time zone differences and daylight saving time changes.
- \* GitHub Repository: <https://github.com/nikshipta-20/world-clock>
- \* Website URL: <https://the-worldclock.netlify.app>

**NIT Campus Complaint Hub** | *HTML, CSS, JavaScript, MySQL, Node.js, Express.js*

Jan. 2023–May 2023

- \* Developed a web-based system enabling over 2500 students to submit complaints online, facilitating resolution through departmental routing.
- \* Created a robust back-end using JavaScript, Node.js, and Express.js, leading to 60% faster complaint registration and departmental routing.
- \* GitHub Repository: <https://github.com/nikshipta-20/complaint>
- \* Website URL: <https://complaintco-nitap.onrender.com>

## AWARDS

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- \* **National Talent Search Examination** Level 2, 2019

## POSITIONS OF RESPONSIBILITY

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**Joint Secretary, Prayatnam Society**  
**Joint Secretary, Brindavanam Club**

## HACKATHON EXPERIENCE

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- **Goldman Sachs Summer Internship 2024, Level 2** *Nov. 2023*
- **Atlassian Women Summer Internship 2024, Level 1** *Sep. 2023*
- **D.E. Shaw Summer Internship 2024, Level 1** *Sep. 2023*
- **Flipkart Runway Season 3** *Mar. 2023*
- **Flipkart Grid 5.0** *July 2023*
- **Coca-Cola Disrupt Season 3** *August 2023*
- **XiaomiOde2Code 3.0** *August 2023*

## CERTIFICATIONS

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- **NPTEL** Cloud Computing
- **Udemy** C Programming
- **Udemy** Web Development Full Stack
- **Code Help** Data Structures and Algorithms
- **Code Help** Low Level Design

## ACHIEVEMENTS

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- **JEE Mains 2021:** Secured 98.155 percentile in JEE Mains, 2021
- **AP EAPCET:** Placed in top 2000 in AP EAPCET, 2021