AYUSMAN NAYAK

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[AyusmanNayak (github.com)](https://github.com/AyusmanNayak)

**TECHNICAL SKILLS**

**Languages**: Java, Python, HTML, CSS, JavaScript

**Libraries & Frameworks**: Bootstrap, React.js, MySQL

**Tools & OS**: Git, VS Code, Eclipse, Linux, IntelliJ IDEA, Anaconda

**Core Competencies:** Communication, Presentation, Emotional intelligence, Team Player, Problem-Solving

**EDUCATION**

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| **ITER Siksha ’O’ Anusandhan University**  *Bachelor of Technology in Computer Science Engineering* | *CGPA 7.32* | Bhubaneswar, India  *Continuing* |
| **NALANDA ACADEMY Public School**  *Senior Secondary Education* | *85.6% Aggregate* | Kota, Rajasthan, India  *2021* |
| **DR ANK DAV Public School**  *Secondary Education* | *91.2% Aggregate* | Rourkela, Odisha, India  *2021* |

**PROJECTS**

**Multi User File Transfer Application |** [**Link**](https://github.com/Prithvirajeev/Ticket_Booking_System) **|** *Java* Mar.2024 – May.2024

* The server operates on port 8888, handling multiple client connections concurrently by spawning separate threads for each connection. It reads requested file names, checks for their existence in a specified directory, and transfers the file data in chunks if found.
* Enhance error handling by sending informative error messages back to clients when files are not found or when exceptions occur during processing.
* Implement input validation to prevent directory traversal attacks and consider using SSL/TLS for secure data transmission to protect against eavesdropping.
* Utilize a thread pool for efficient client connection management, experiment with buffer sizes for optimal file transfer speed, and move hard-coded values to a configuration file or environment variables for better flexibility and maintainability.

**CERTIFICATIONS**

**Software Development Trainee** *| AMCAT* Feb. 2024

# Data Engineering Trainee | *Celebal Technologies* June 2024-Present

* Acquiring hands-on experience with data engineering, python and Microsoft azure.
* Implementing machine learning algorithms to solve real-world business problems.
* Developing and deploying data-driven solutions using Python and Microsoft azure.

**HOBBIES AND INTEREST**

* Professional Chess Player.
* Avid novel reader.