NANDA KUMAR

+91 7204493763 | postnanda200@gmail.com | [GitHub](#)

RELEVANT EXPERIENCE

Software Developer at [Vahann Power Connate](#) (Dec 2024 - May 2025)

1. Worked on the set up and management of AWS cloud infrastructure for IoT based applications.
2. Contributed to the design and development of an LMS platform ([educonnate.com](#)) with 2000 active users.
3. Focused on reducing cloud related costs by 20% by identifying cost pain points while ensuring security and usability of IoT devices and web dashboards.

PROJECTS

Fit Happens

Technologies: FastAPI, Javascript, Unreal Engine 5, MySQL, Google Mediapipe

- An immersive fitness-based runner game that maps real-world exercises to in-game actions.
- Utilized Mediapipe and webcam input to recognize exercises such as squats and stretches with accuracy.
- Tried, tested and loved by 400+ students from various colleges through Open Day Exhibition held at St Joseph's University.

Doc IQ

Technologies: React.js, Express.js(Node.js), PostgreSQL, Amazon S3 (storage), Amazon Cloudfront, Git

- Automated document storage, retrieval and indexing system built for the IQAC(Internal Quality Assurance Cell) of St Joseph's University.
- Reduced the costs associated with google drive storage by 30% with a more scalable AWS based solution.
- Increased the team's efficiency by 80% by eliminating the need to store and index documents on gdrive.

EDUCATION

Bachelor of Computer Applications (BCA)   2022 – 2025

St. Joseph's University

- CGPA: 9.03
- **Secured 1st place at the national-level hackathon, Techquest**, for developing a fintech software solution focused on bank statement processing and expenditure analysis.
- **Achieved 1st place at the University Open Day Exhibition** with *Fit Happens*, a health and fitness application developed as part of the Elixir project.

TECHNICAL SKILLS

- **Languages:** Go, Python, JavaScript, Java
- **Frameworks:** FastAPI, Django, Gin, React.js, Express.js, Node.js
- **Databases:** MySQL, PostgreSQL, Redis, MongoDB
- **Cloud Platforms and Other Tools:** AWS, Render, Git, Docker, Wordpress.org

---

CERTIFICATIONS

- AWS Cloud Foundations - AWS Academy
- AI and ML Fundamentals - Infosys Springboard