

KANAD KAPIL

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PROFESSIONAL SUMMARY

B.Tech Computer Science undergraduate with hands-on expertise in **Full Stack** and **Data Analytics**. Proficient in React.js, TailwindCSS, SQL, Python, with a portfolio of 30+ deployed web applications and 2 enterprise-level products built for business tracking and education.

TECHNICAL SKILLS

- **Languages:** Python, C++, JavaScript, HTML, CSS, PHP, Markdown
- **Frameworks & Libraries:** React.js, Node.js, TailwindCSS, Bootstrap, DaisyUI, Streamlit, ReactBitz, Chart.js, MathJAX, Pug
- **Tools & Platforms:** Git, GitHub, VS Code, Vercel, Prompt Engineering, Google Colab, Mermaid, Canva
- **Databases & Querying:** MySQL (SQL), MongoDB, NoSQL, JSON, CSV
- **Data Science & Visualization:** Python, Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel, Streamlit, Scrapy
- **Soft Skills:** Communication, Leadership, Teamwork, Presentation, Project Management

EXPERIENCE

Web & Data Analytics Intern | Manohari. Shop (Bangladesh)

June 2023 - present

- **Sales Analytics Dashboard:** Designed a dynamic sales dashboard using Python and Streamlit to visualize business KPIs, providing leadership with instant access to 5+ critical metrics for inventory and sales performance.
- **AlgoViz Development:** Led the end-to-end development of AlgoViz, a React-based DSA learning platform featuring 20+ interactive algorithm visualizations, tailored for a client serving novice learners. <https://algoviz-eta.vercel.app/>

PROJECTS

Data Analytics for Protein Sequences — Pandas, NumPy, Matplotlib, Sklearn, Keras, TensorFlow

Aug 2025 - Present

- Developed a **BiLSTM/MNB** deep learning framework for protein sequence analysis. Achieved **81.53%** Q3 accuracy for secondary structure prediction and **77%** accuracy for family classification across **95,000+ proteins**.
- <https://eda-viz-protein-sequence-analysis.vercel.app/>

Bowler Stats Visualization App — Streamlit, Python, Pandas, Seaborn

July 2025

- Engineered a data visualization app comparing cricket bowlers based on real-world match data, utilizing **4+ statistical parameters**, including Economy Rate and Strike Rate
- ipl-2025-bowler-stats.streamlit.app/

JavaScript App Collection — HTML, CSS, JS, TailwindCSS

June 2023 - Present

- Created 30+ mini web apps (games, tools, portfolios) showcasing frontend and component reuse.
- kanadkapil.github.io/Web-Works-Live

CERTIFICATIONS AND TRAINING

- **Data Structures & Algorithms** (2024) | GeeksforGeeks | Solved algorithmic challenges in **C++, Python**.
- **Cloud Computing, NPTEL** (2025) | IIT Kharagpur
- **Web Development Bootcamp** (66 hrs, 2023) | Udemy
- **Generative AI** (Multiple Courses, 2024) | Coursera
- **Project Management** (Multiple Courses, 2024) | Coursera

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Lovely Professional University, Jalandhar, Punjab

Expected Graduation: May 2026

CGPA: 6.9

- Specialization in **Full Stack, Web Development**
- Relevant Courses: Web Development, Data Structures & Algorithms, Operating Systems, DBMS, AI, Computer Networks

Higher Secondary Certificate (12th Grade)

June 2018 - June 2020

Mohammadpur Preparatory School and College, Dhaka, Bangladesh

Percentage: **90%**

- Subjects: Physics, Chemistry, Mathematics, Biology, IT

ACHIEVEMENTS & EXTRA-CURRICULARS

- **3rd Runner-up in Classical Music Competition (Violin)** — Chhayanaut Sangeet Biddayayton. (April 2014)
- Active member of **BYACA (Bangladesh Youth Association for Cancer Awareness)**, contributing to community outreach and education efforts. (2021 - Present)
- Participated in a local sustainability initiative **promoting eco-awareness and action-based solutions**; registered delegate at the **3Zeros Club Convention 2025**, Dhaka, supporting goals of **zero carbon, poverty, and exclusion**. (June, 2025)