

Abhishek Ranjan

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EDUCATION

Lovely Professional University

B.Tech in Computer Science and Engineering CGPA: 7.14

Punjab, India

Aug 2022 – Present

ShantiNiketan Jubilee School

Associate's in Science Stream , Percentage: 65.8%

Motihari, India

Apr 2020 – Mar 2021

PROJECTS

Kubernetes Deployment of Web Application | *Docker, Kubernetes, Minikube, kubectl, Helm* Aug 2025 – Present

- Deployed a React.js web app on a local Kubernetes cluster (Minikube) to boost scalability and consistency
- Containerized the app with Docker and wrote Kubernetes manifests/Helm charts for deployment, services, and ingress in a microservices setup
- Managed the cluster with kubectl and CI/CD pipelines to ensure smooth rollouts, updates, and automatic scaling of the application
- Enhanced local development and testing by simplifying deployment and orchestration workflows via Kubernetes and cloud-native tools

Power BI Dashboard | *Power BI, DAX, Power Query, Custom Visuals*

Jun 2025 – Jul 2025

- Analyzed 6,300+ records to visualize food consumption trends across 36 Indian regions
- Merged 3 datasets to identify 15+ correlations between dietary patterns and health outcomes
- Designed 5 custom visuals (KPI, tree map, slicers) to present interactive and actionable insights
- Enhanced dashboard usability with dynamic filters, drill-through, and responsive design for decision-making

React E-Commerce Website | *HTML, CSS, JavaScript, React*

Jan 2025 – Feb 2025

- Developed a responsive e-commerce platform, improving mobile accessibility and enabling real-time cart updates for 100+ products
- Resolved React 18 and Material UI 4 compatibility issues, ensuring 100% stable deployment across browsers
- Implemented reusable components, reducing code redundancy by 30% and enhancing modularity for faster feature updates
- Integrated form validation and state management, cutting checkout errors by 40% and improving overall user experience

EXPERIENCE & TRAINING

Board Infinity(Summer Training)

Jun 2024 – Jul 2024

Online Career-tech platform

Online

- Completed 60+ hours of advanced DSA training on C++, mastering 100+ problems with OOP design patterns
- Developed a modular Library Management System managing 200+ books and transactions
- Improved data retrieval by 40% using hash map based storage for users and books
- Built persistent file storage with robust I/O for seamless record management

TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript, HTML/CSS

Tools/Platforms: Linux, Docker, Kubernetes, CI/CD, Jenkins, GitHub Actions, AWS, MS Excel, Tableau, Power BI

Developer Tools: Git, GitHub, VS Code, Jupyter Notebook, PyCharm, IntelliJ

Libraries/Frameworks: NumPy, Matplotlib, Pandas, React.js, Node.js (beginner), REST APIs

Course Work: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networking

ACHIEVEMENTS

LeetCode 300+

Jun 2025

- Solved 300+ LeetCode problems with a 200+ active days, strengthening DSA skills demonstrating strong consistency, algorithmic thinking, and coding efficiency.

HackerRank

Nov 2024

- Earned 5-star ratings in C++ and Python, and 5-star in SQL, on HackerRank, showcasing proficiency in programming languages and database querying