Kumar Piyush

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SUMMARY

Dedicated software developer experienced in Machine Learning, neural networks, and full-stack development. Proficient in C++, C, Java, JavaScript and Python. Strong problem-solving, communication, and collaboration skills. Eager to contribute to a talented team.

PROJECTS

Portfolio 2.0
July 2023 – July 2023
· Created a fully responsive and dynamic portfolio website.
· Used React.js, Tailwind and zustand in the frontend web app.
· Created 7 individual endpoints to fetch data for various components.
· Server built using express.js.
· Used Notion as the database and created API endpoints using notion API.

Sample Movie Booking Catalog
May 2023 –May 2023
· Processed data provided through TVmaze's API.
· Created a front-end application for the data including an interface for details, and a form.
· Implemented TailwindCSS utilities to maximize efficiency while designing.
· Used vite as the package bundler and deployed using vercel as PaaS.

Top 10 Space News Fetcher
May 2023 – May 2023
· Built a frontend to fetch and display the top 10 news using space news's public API.
· Hosted on Vercel and bundled using Vite.
· Used React.js and TaiwindCSS to create the client side rendered page.

Goals List
April 2023 – April 2023
· Created a Todo-list application as practice while learning React.
· Maximized usability by storing data on local storage.
· Implemented TailwindCSS utilities while designing.
· Bundled using vite and deployed using vercel as PaaS.

EDUCATION

Bachelor of Technology in Computer Science & Engineering
Manipal University Jaipur · Jaipur, Rajasthan · 2026 · 9.93

AISSCE
Loyola High School · Patna, Bihar · 2021 · 91.4%

AISCE
Loyola High School · Patna, Bihar · 2019 · 96.2%

CERTIFICATIONS

Advanced React Concepts
Codedamn
Learnt React.js which involved but is not limited to the project structure, DOM manipulation, State management, basic and advanced hooks and data fetching.

Machine Learning Specialization
Coursera · 2023
Gained an understanding of the foundational concepts of machine learning through a 3 course specialization.

Frontend Certification Exam Certificate
Codedamn · 2023
Certified in the relevant techniques and concepts involved during the development of frontend React.js applications.

Neural Networks and Deep Learning
Coursera · 2023

Learned the in-depth workings of neural networks without using any deep learning framework.

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
Coursera · 2023
Learnt the nuances of creating an intricate neural network and fine tuning it, using various hyperparameters..

Structuring Machine Learning Projects
Coursera · 20232
Developed best practices related to dataset organization during the production and deployment of an ML model.

Machine Learning Operations (MLOps) Challenge
Microsoft · 2023
Learnt the technicalities and processes involved in the life cycle of an ML model built using Microsoft Azure.

INVOLVEMENT

Event Coordinator
Manipal University Jaipur · Randomize(); MUJ · February 2023 – May 2023
· Involved in the ideation and logistical implementations of technical events.
· Managed a team of 5 people tasked with data collection and filtering for potential sponsorships.
· Managed a team of 18 people tasked with the promotions and management of 2 technical sessions.

SKILLS

ML: Python, TensorFlow, Jupyter, Neural Networks.
Frontend: HTML, CSS, JavaScript, Tailwind CSS, React.js, Redux, Zustand.
Backend: Node.js, Express.js, MongoDB, Notion.
Core: C, C++, Java, DSA.
Misc: Git, Linux, GitHub, Chrome dev tools.
Soft skills: Problem Solving, Public speaking, leadership, teamwork, people management.