This text is a resume for an individual, not a news article. Therefore, sections related to "Political Updates," "Economic Updates," and "International Relations" are not applicable. The summary below reflects the content of the resume within the requested structure.

Jay Mathpal: Computer Science Undergraduate Profile

Key Events / News Highlights

*   **Profile:** Jay Mathpal is a Computer Science undergraduate with strong skills in Data Structures, Algorithms, and full-stack development, passionate about scalable systems and AI-driven solutions.
*   **Education:** Currently pursuing a B.Tech in Computer Science and Engineering at Birla Institute of Applied Sciences, Bhimtal (2022 – 2026), holding a CGPA of 8.0.
*   **Key Projects:**
    *   **NewsHub-AI News Summariser (2025):** An AI-powered platform for summarizing and storing news PDFs, featuring Google authentication, OCR for scanned PDFs, automatic summary PDF generation, and an 80% reduction in processing time using BullMQ with Redis for background jobs and caching.
    *   **Finance Management Platform (2025):** A full-featured personal finance platform with secure Clerk authentication, PostgreSQL via Supabase, an AI-powered receipt scanner, recurrent transaction support, full CRUD operations, and an analytics dashboard with dynamic graphs.
    *   **AI Resume Builder (2025):** An AI-enhanced resume builder platform with Clerk authentication, NeonDB PostgreSQL, AI-generated resume summaries, editable sections, light/dark theme toggle, full CRUD operations, and instant PDF export with live preview, improving resume creation speed by 50%.
*   **Achievements & Certifications:**
    *   Runner-up in a College Hackathon (2024).
    *   Solved over 200 Data Structures and Algorithms problems on platforms like LeetCode and GeeksforGeeks.
    *   Certified in "Career Essentials in Generative AI" (LinkedIn Learning, Aug 2025).
    *   Completed "JavaScript Algorithms and Data Structures" (freeCodeCamp, Jul 2023) and "Responsive Web Design" (freeCodeCamp, Jul 2023).

Political Updates

*   Not Applicable (The provided text is a resume and does not contain political information).

Economic Updates

*   Not Applicable (The provided text is a resume and does not contain economic information).

International Relations

*   Not Applicable (The provided text is a resume and does not contain international relations information).

Miscellaneous / Other Important Notes

*   **Technical Skills:**
    *   **Languages:** Java, JavaScript, TypeScript
    *   **Frameworks:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, ShadCN
    *   **Databases/ORM:** PostgreSQL, Prisma, Supabase, NeonDB
    *   **Dev Tools:** Git, GitHub, Vercel, Postman, VS Code, Clerk
*   **Relevant Coursework:** Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, AI, Cloud Computing.
*   **Contact Information:** Jay Mathpal, Haldwani, Nainital. Phone: +91-9897790338. Email: mathpaljay10@gmail.com. LinkedIn and GitHub profiles are also provided.