

Here's a structured news summary based on the provided text:

Computer Science Undergraduate Jay Mathpal Highlights AI and Full-Stack Development Expertise

****1. Headline / Title****

Computer Science Undergraduate Jay Mathpal Highlights AI and Full-Stack Development Expertise

****2. Key Events / News Highlights****

- * ****Education:**** Jay Mathpal is currently pursuing a B.Tech in Computer Science and Engineering from Birla Institute of Applied Sciences (2022-2026), maintaining a CGPA of 8.0.
- * ****Project Launches:****
 - * ****NewsHub-AI News Summariser:**** Developed an AI-powered platform for summarizing and storing news PDFs, featuring Google authentication, OCR integration, and an 80% reduction in processing time through BullMQ/Redis for background jobs and caching.
 - * ****Finance Management Platform:**** Engineered a comprehensive personal finance tool with secure Clerk authentication, AI-powered receipt scanning, recurrent transaction support, and an analytics dashboard for visualizing budget trends.
 - * ****AI Resume Builder:**** Created an AI-enhanced resume builder offering AI-generated summaries, editable sections, instant PDF export, and live preview, which improved resume creation speed by 50%.
- * ****Achievements:****
 - * Runner-up in a College Hackathon (2024).
 - * Solved over 200 Data Structures and Algorithms (DSA) problems on platforms like LeetCode and GeeksforGeeks.
- * ****Certifications:****
 - * "Career Essentials in Generative AI" – LinkedIn Learning (August 2025).
 - * "JavaScript Algorithms and Data Structures" – freeCodeCamp (July 2023).
 - * "Responsive Web Design" – freeCodeCamp (July 2023).

****3. Political Updates****

- * No relevant information.

****4. Economic Updates****

- * No relevant information. (The Finance Management Platform is for personal finance, not macro-economic updates.)

****5. International Relations****

- * No relevant information.

****6. Miscellaneous / Other Important Notes****

- * ****Career Focus:**** Mathpal is passionate about scalable systems and AI-driven solutions.
- * ****Technical Proficiency:****
 - * ****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.
- * ****Academic Foundation:**** Relevant coursework includes Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, AI, and Cloud Computing.
- * ****Contact Information:**** Jay Mathpal can be reached at +91-9897790338 or mathpaljay10@gmail.com.