Lavya Jain

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SUMMARY

Information Technology undergraduate with strong problem-solving skills and hands-on experience in MERN stack development. Passionate about building scalable applications and exploring deep learning for financial technologies. Quick learner, adaptable, and eager to contribute in collaborative environments.

EDUCATION

Bachelor of Engineering – Information Technology   Aug. 2023 – July 2027
Dr.D.Y.Patil Institute of Technology, Pune, Maharashtra   *CGPA: 8.29/10*

St.Joseph's Academy   2009 – 2022
Dehradun, Uttarakhand

TECHNICAL SKILLS

Languages: Java, C/C++
Web Development: HTML, CSS, JavaScript, React, Node.js, Express, MongoDB, SQL (Postgres)
Tools & Platforms: Git, GitHub, VS Code, Linux, Postman, Eclipse
Concepts: Object-Oriented Programming, Data Structures & Algorithms, REST APIs, Authentication & Security

PROJECTS

FinTrack   Aug 2025 – Present
- Developed a secure personal finance dashboard using the MERN stack, enabling users to track and manage expenses.
- Implemented JWT authentication with password hashing to ensure data integrity and privacy.
- Designed responsive UI with React and global state management, improving usability across devices.

ApexPay Gateway | *React, Node.js, Express, PostgreSQL, JWT*   Sep 2025 – Present
- Designed a payment gateway service supporting secure merchant onboarding, API key generation, and transaction monitoring.
- Built a RESTful API with dual authentication (JWT for dashboard, API keys for server-to-server requests).
- Created a PostgreSQL schema enforcing ACID compliance to ensure reliable and consistent financial transactions.
- Implemented webhook-based asynchronous notifications and a React dashboard for merchant interactions.