

Muskan Pandey

 [LinkedIn](#) |  +91 7571911264 |  pandeymuskan04@gmail.com |  [GitHub](#)

Professional Summary:

Backend Developer with 2+ years of experience building scalable APIs and web services using Node.js and Express.js. Skilled in MongoDB, PostgreSQL, and integrating third-party services. Proficient in Git, Postman, and deploying applications to cloud platforms like AWS. Strong focus on clean code, performance optimization, and collaborating in Agile teams.

Education:

- Bachelor of Technology: Dr. A.P.J Abdul Kalam Technical University, Lucknow. (Information Technology).

Technical Skills:

Backend: Node.js, Express.js, REST APIs

Database: PostgreSQL

Frontend: HTML5, CSS3, Bootstrap

Languages: JavaScript, TypeScript

DevOps & Tools: GitHub, CI/CD, Docker, Postman

Professional Experience:

- **Software Engineer | APV Technologies (Aug 2023 – Present)**
 - **Service Reliability:** Integrated PM2 for process management, enabling automatic service restarts on system reboot or user sign-in/sign-out, increasing application uptime.
 - **Project Migration:** Successfully migrated multiple **Node.js** projects from deprecated versions to the latest LTS versions, ensuring compatibility, improved security, and long-term maintainability.
 - **Backend Development:** Designed and developed robust, reusable REST APIs using **Node.js** and **Express.js** to support the company's website admin dashboard, enabling new features and improving overall performance and user experience.
 - **Document Automation:** Developed Node.js scripts to generate DOCX and PDF templates populated with dynamic data, streamlining document automation processes.
 - **File Conversion Tools:** Created a Node.js utility for converting DOCX to PDF, enabling efficient document management and export functionality.

Projects:

- **WeaveTM: Automated Image Processing Software (August 2023– Present)**
 - Created secure and efficient **RESTful APIs** using **Node.js** and **Express.js** for image upload and download functionalities.
 - Implemented **server-side image processing** and optimized file handling for better performance.
 - Used **Multer** for handling multipart/form-data and integrated image storage on the server.
 - Ensured API reliability and security with proper error handling and input validation.
 - Contributed to the GUI and graphics development of the **C# Windows** application using **Win Forms**, designing interactive interfaces and visual components to improve user experience and functionality.
 - This Project is actively used by top-tier companies like-**Intel, Hitachi**.
- **Contract Management System (May 2024 - May 2025)**
 - Built a dynamic **contract management backend** using **Node.js** to generate **.docx** and **.pdf** documents from customizable templates.
 - Developed RESTful APIs for template handling, document generation, and approval workflows.
- **Sandbox Semiconductor (R&D Platform) (Jan 2024 – Aug 2024)**
 - Created a backend **Node.js service** to manage semiconductor R&D data workflows.
 - This solution is being actively used by top-tier companies including **Samsung, Intel**, and **Hitachi**.
 - Designed for performance and scalability to support high-frequency simulation data and research logs.
- **Employee Attendance Portal (Sep 2023 – Dec 2023)**
 - Built an **attendance management system** where employees can mark attendance, apply for leave, and view reports.
 - Implemented **monthly/yearly filtering, leave approval logic**, and integrated role-based dashboards for employees and admins.
 - Developed using **Node.js** and deployed with Docker for scalability in enterprise environments.