

RAJESH PAL

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SKILLS

- ❖ **Programming Languages:** JavaScript, C++, Python (Basic)
- ❖ **Frontend Development:** React, Tailwind CSS, HTML, CSS, Bootstrap
- ❖ **Backend Development:** Node.js, Express.js, Laravel (Basic)
- ❖ **Database Management:** MongoDB, SQL (Basic)
- ❖ **Problem-Solving:** Solved 100+ problems on various online judges
- ❖ **Machine Learning:** Basic knowledge of Deep Learning, Computer Vision, and NLP

EDUCATION

- ❖ BSc in Computer Science and Engineering | Premier University *CGPA: 3.84 | 2024*
- ❖ HSC | Rangamati Govt. College *GPA: 3.08 | 2018*
- ❖ SSC | Rangamati Govt. High School *GPA: 4.50 | 2016*

PERSONAL PROJECTS

- **Taskify - Todo App**
 - Built a todo app with user authentication, email verification, and password reset functionality using Nodemailer. Implemented form validation with express-validation and included task management features allowing users to add, update, and delete tasks. [GitHub Link.](#)
 - Technologies: Express, MongoDB, EJS, Tailwind CSS, Flowbite, Nodemailer, express-validation
- **SkillTrack-LMS**
 - Developed an LMS for managing courses and tracking skills with user authentication via Clerk. Implemented dynamic routing using React Router DOM and styled the interface with Tailwind CSS for a responsive design. [GitHub Link.](#)
 - Technologies: React, Clerk, Tailwind CSS, React Router DOM

ACADEMIC PROJECTS

- **Prosis - Project and Thesis Management System**
 - A platform is developed for the final year project/thesis coordination. This platform allows supervisors to efficiently manage student groups by entering and tracking project/thesis details. Students can easily view the assignments and progress of their tasks.
 - Built using HTML, CSS, Bootstrap, Laravel, SQL and JavaScript.
- **Bridging Vision and Language: Automatic Image Captioning in Bengali using CNN and Transformer Models**
 - Built using Pytorch, Python, CNN and Transformer.