

PRASHANT SHRESTHA

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PERSONAL PROFILE

BSc. CSIT student at Nepalaya College with a strong foundation in web development, software programming, and database management. Skilled in working with diverse technologies and solving complex problems through innovative solutions. Highly adaptable, eager to learn, and committed to delivering impactful, result-driven projects that create real value.

PROJECTS

SchoolAid – Blog Site with AI text summarizer

[GitHub](#)

- Developed a Blog website using React.js with post sharing, likes, comments, follow/unfollow, search filter, sort filter, etc.
- Used Tailwind CSS for responsive design.
- Integrated the Blog website with AI Text Summarizer using python and NLP.

FaceGram – Social Media Site with Real Time Messaging

[GitHub](#)

- Developed a real time Social Media website using MERN stack and MongoDB as database.
- Integrated features such as adding friends, real time messaging using Socket IO, photo sharing, etc.

Interenest – Visual discovery based social media platform

[GitHub](#)

- Developed a social media platform using NEXT.JS with all the CRUD operations, also equipped with Group Board.
- Used Tailwind CSS for responsive design.

Attendify – A Face Recognition-Based Attendance System

[GitHub](#)

- Developed a MERN + Flask-based attendance system with real-time dashboards, enabling automated attendance marking and seamless frontend-backend integration.
- Implemented Haar Cascade for face detection and LBPH algorithm for accurate face recognition, ensuring reliable AI-powered attendance tracking.

EDUCATION

2022 – Present	Bachelor of Science in Computer Science and Information Technology (BSc. CSIT) Nepalaya College affiliated to Tribhuvan University
2019 – 2021	High School at Adarsha Vidya Mandir Higher Secondary School 3.20 / 4.0 CGPA

SKILLS

Programming Languages:

- REACT/Next.js: Built high-performance web applications using React and Next.js, implementing server-side rendering, API routes, and dynamic routing for seamless user experiences.
- Express.js: Implemented dynamic REST APIs to enable seamless integration with web applications.
- JavaScript: Developed dynamic user interfaces and facilitated front-end and back-end communication using REST APIs
- PHP: Designed and implemented secure REST APIs to enable seamless integration with web applications
- C/C++: Utilized foundational programming principles in college projects, emphasizing performance and efficiency.
- JAVA: Applied programming concepts on college projects, focusing on object-oriented design.
- Python: Designed and implemented basic machine learning algorithms.

Databases:

- MySQL: Learned about Relational Database Model using MySQL and implemented in different projects.
- MongoDB: Gained hands-on experience with sharing, distributed storage, data retrieval, and document-based storage through college projects.

Tools:

- Git & GitHub: Used as code storage and tracking changes in the code
- Postman: Used extensively for API testing and debugging during development cycles
- Figma: Used to create designs and prototypes for different college projects
- ImageKit: Used as a image optimization, transformation, and CDN Delivery

Additional Familiarity:

C#, UI/UX designing, ASP.NET, Artificial Intelligence, PostgreSQL, Flask, Golang, Parallax Animation

Non-Technical Skills

Problem-Solving, Critical thinking, Teamwork, Time management, Adaptability, Creativity, Troubleshooting, working well under pressure, Continuous Learning, Good Communicator

REFERENCES

Available upon request