ASISH PANDEY

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EDUCATIONAL AND SCHOLASTIC ACHIEVEMENTS

Program	Institute	Grade	Year
B.Tech in Computer Science and Engineering (AI)	Babu Banarasi Das Engineering College	7.3/10	2025
Class XII (WBCHSE)	Hindmotor High School	70.8%	2020
Class X (WBBSE)	Aditya Birla Vani Bharati	66.57%	2018

INTERNSHIP & EXPERIENCE

MERN Stack Training
ShapeMySkills

July 2024

- Developed robust and scalable Full Stack application using React.js framework, MongoDB, Express.JS and Node.js.
- **Front-End Design:** Developed and enhanced user interfaces, ensuring a responsive and visually appealing design.
- **Back-end:** Learned secure authentication, API integration for web-based applications.
- **Bug Fixing:** Identified and resolved front-end bugs, improving overall website functionality and user experience.

ACADEMIC PROJECTS

YatraStay
(Backend)

- **Full-Stack Web Application** – Developed using JavaScript, Node.js, Express.js, MongoDB, Bootstrap and EJS for dynamic rendering and scalable architecture.
- **Secure Authentication System** – Implemented Passport.js with Passport Local and Mongoose integration for seamless user login and registration.
- **Cloud & Session Management** – Utilized Cloudinary for image storage and Connect Mongo with Express Session for persistent session handling.
- **Interactive Mapping & Reviews** – Integrated Mapbox for real-time maps and built a full-featured review system with add/delete capabilities.
- **Robust Form Handling & Validation** – Used Joi for server-side data validation and Cookie Parser for enhanced request management.
- **Efficient File Uploads & Environment Config** – Leveraged Multer for media uploads and Dotenv for managing environment variables securely.

Assembly Endgame

- Built Assembly Endgame, a Hangman-style word-guessing game using **React, HTML, CSS,** and **JavaScript.**
- Leveraged **React hooks** to manage game logic, user guesses, and dynamic UI updates.
- Designed a responsive and interactive user interface with custom styling and real-time keyboard input handling.
- Added features like game reset, randomized farewell messages for eliminated programming languages, and game-over detection logic.

Space Travel

- Built space travel website built with **HTML, CSS,** and **JavaScript**, offering information on space missions and destinations.
- Features animations and dynamic content for an engaging user experience.
- Clean and responsive layout for seamless navigation across devices.

GitHub User Finder

- Developed a GitHub User Finder app using vanilla **HTML, CSS,** and **JavaScript** to fetch and display user data via GitHub's REST API.
- Implemented real-time user search with dynamic DOM manipulation and responsive UI design.

SKILLS

Languages & **Technical**	Java, JavaScript, Database Management systems, Data Structures and Algorithms, Object Oriented Programming, Computer Network, Operating Systems
Web Development	HTML, CSS, Tailwind CSS, Bootstrap, JavaScript, ReactJS, Node.js, Express.js
Databases & Software	MySQL, MongoDB, Git, GitHub, VS Code, MS-Office

RELEVANT COURSEWORK

Java Foundations by Jet Brains	JavaScript Foundations by Mozilla	Node.js Essential Training
Career Essentials in Generative AI by Microsoft	React.js Essential Training	SQL Essential Training

EXTRA-CURRICULARS

- National Cadet Corps (NCC) - *Participated in leadership development and disciplinary training during the first two years.*
- Attended two significant camps - *CATC (Combined Annual Training Camp) , AIVSC (All India Vayu Sainik Camp).*
- Engaged in various community service activities and training drills.