Aditya Nautiyal

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CAREER OBJECTIVE

To obtain a challenging position in a reputed organization where I can effectively contribute my skills as a software professional, grow consistently through continuous learning, and work towards the success of the company while building a strong foundation for my career.

EDUCATION

Bachelor of Computer Application (BCA)   Nov 2022 – June 2024
Uttaranchal University, Dehradun   *CGPA : 7.7*

PROJECTS

Front-end Developer
Senior-Junior Connect   **Jan 2025 – Apr 2025**
- Tools: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Git, GitHub
- Designed and developed a responsive web platform enabling seamless interaction between college seniors and juniors.
- Built dynamic Q&A components using React to allow juniors to post questions and seniors to respond in real time.
- Integrated RESTful APIs with Axios to connect frontend queries to a Node.js backend and MongoDB database.
- Implemented user authentication and role-based access to ensure secure and structured communication.
- Enhanced user experience with clean UI using Tailwind CSS, improving engagement and navigation.
- Achieved improved mentorship communication by providing a structured digital space for knowledge sharing.

Multiplayer Flappy Bird Game   **May 2025 – July 2025**
- Developed and deployed a multiplayer version of the Flappy Bird game allowing two players to connect over the same Wi-Fi network and compete for the highest score in real-time.
- Utilized Socket.IO and Node.js for real-time, bidirectional communication between connected clients.
- Designed responsive HTML5 Canvas-based game mechanics, including gravity, collision detection, and scoring system.
- Implemented a local network connection strategy to enable smooth multiplayer gameplay without internet dependency.
- Created a competitive gaming experience with live score updates and bird movement synchronization.
- Version-controlled using GitHub and tested extensively for low-latency interactions and glitch-free performance.

Personal Portfolio Website   **June 2025 – Ongoing**
- Designed and developed a **personal portfolio website** to showcase all academic and self-driven projects from **1st to 5th semester**, reflecting growth in development skills and creativity.
- Implemented **clean UI/UX** with responsive design principles to ensure optimal viewing across devices.
- Categorized projects by semester and topic, including **MERN apps, games, academic tools, and experimental projects**.
- Integrated **project previews, descriptions, GitHub links**, and live demos to provide a complete portfolio experience.
- Deployed the website using **GitHub Pages**, making it easily accessible to recruiters, mentors, and peers.
- Website Link: [https://adityanautiyal908.github.io/Portfolio/]

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Java
Frameworks & Libraries: Next.js, React.js, Tailwind CSS.
Developer Tools: Git, GitHub, npm, VS code, Postman
Technologies: Node.js
Familiar with: PHP, MySQL, Bootstrap.

SOFT SKILLS

Problem Solving
Communication Skills

CERTIFICATIONS

- Completed certification in Java from Infosys Springboard
- Completed certification in Web Development from Udemy

ACHIEVEMENTS

- Participation in Code Ke Boss

INTERESTS

- Reading Books
- Meeting New People
- *Playing Games*