Thakurji Gupta

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Education

University School of Information Comm. and Technology (GGSIPU), Delhi　　November 2021 – July 2025
B.Tech in Information Technology
- CGPA: 8.382/10

Eastwood International School, Bathinda　　April 2018 – April 2020
- Senior Secondary; Percentage: 90.00

Skills

Languages: C, C++, Java, SQL, JavaScript, HTML, CSS

Frameworks and Libraries: React.js, Node.js, Express.js

Databases: MySQL, MongoDB

Tools and IDEs: Git, GitHub, Postman, VS Code

Experience

Web Developer Intern, Codsoft　　Aug 2023 – Sep 2023
- Designed and built a Landing page for a digital agency, showcasing its services and value proposition.
- Developed a user-friendly and visually appealing Calculator with basic mathematical functionalities.

Web developer Intern, Unified Mentor　　July-2024 – Aug 2024
- Developed a full-stack web application Expense Tracker to track and manage personal finances, allowing users to add, delete, and filter transactions by category. Implemented user authentication with JWT, and stored data securely in MongoDB Atlas.
- Developed a responsive web-based Tic-Tac-Toe game utilizing HTML, CSS, and JavaScript for implementing game logic and made it responsive across desktop and mobile devices. Also integrated sound effects for various game actions.

Projects

URL Shortener　　Repo　Website
- Built a full-stack URL shortening web application using React, Node.js, Express, and MongoDB, implementing RESTful API routes for generating unique short URLs, redirecting users to the original URL, and tracking click history to display visit counts.
- Implemented JWT-based authentication with secure password reset functionality, where users receive a tokenized reset link via email to ensure account security.
- Utilized React Router DOM for seamless client-side routing, enabling dynamic navigation between components and enhancing user experience.

Expense-Tracker　　Repo　Website
- Developed a full-stack web application for tracking income and expenses using Node.js, Express and MongoDB, implementing RESTful API routes for operations to add, delete, and filter transactions based on category.
- Built a responsive frontend using React and Tailwind CSS, featuring dynamic UI components for adding, deleting, and filtering transactions with separate sections for income and expenses.
- Integrated JWT-based authentication to securely manage user sessions and user-specific transactions.

Simon Game　　Repo　Website
- Developed an interactive Simon game using JavaScript to handle color sequences, user input, and progression of difficulty levels. Game resets automatically upon pressing a key after an incorrect input.
- Designed a visually engaging user interface with CSS, including dynamic button animations and color transitions. Incorporated smooth transitions between levels, and displayed "Game Over" upon incorrect input. Utilized media queries to ensure responsiveness across various screen sizes.

Role-Based Access Control (RBAC) System　　Repo
- Developed a secure backend application using Node.js, Express.js, and MongoDB, featuring user signup, login, logout, profile management, JWT-based authentication and role-based authorization to control access to different endpoints and actions.
- Conducted comprehensive API testing using Postman to validate CRUD operations for user data and verify role-specific permissions.

Certificates

Web development bootcamp from 'The App Brewery'.　　Link