MOHAMMAD OWAIS

Software Engineer

📞 +91 9794566692 ✉ mohammadowais9307@gmail.com 🌐 Portfolio 📍 Lucknow, Uttar Pradesh

TECHNICAL SKILLS

Languages: C++, JavaScript, HTML/CSS, SQL.

Technologies/Frameworks: PostgreSQL, Express.js, EJS, Git Node.js and React.

EXPERIENCE

InTrAinZ   July 2024 - Sep 2024
Front-End Intern   *Bengaluru, Karnataka*

- Developed and maintained responsive web applications using HTML, CSS, and JavaScript.
- Developed a Sign-up page which requires user data to store into the database.
- Collaborated with the team to implement user-friendly interfaces and improve user experience.
- Utilized Bootstrap for styling and ensuring cross-browser compatibility.
- Assisted in debugging and optimizing code for better performance.
- Gained hands-on experience with front-end frameworks and version control systems like Git.

Hyper Creations   Nov 2023 - Jan 2024
Full Stack Intern   *Lucknow, Uttar Pradesh*

- Built website front-end components with HTML, CSS, and React JS.
- Enhanced UI styling using Bootstrap.
- Utilized Node.js, Express.js, RESTful API for backend integration.
- Integrated PostgreSQL database queries using pg library to store user data
- Used passport authentication for registration and sign-in. Encrypted user password using bcrypt encryption method and google OAuth.
- Delivered tasks efficiently within deadlines.

Ambient Makers   August 2023 - Sep 2023
Front-End Intern   *Lucknow, Uttar Pradesh*

- Developed a responsive website using HTML, CSS, Javascript.
- Implemented responsive design using Bootstrap.
- Collaborated on front-end tasks to ensure timely project completion.

EDUCATION

Institute of Engineering and Technology   2021 – 2025
Bachelor's in Chemical Engineering   *Lucknow, Uttar Pradesh*

Christ Church College   Lucknow, Uttar Pradesh

Intermediate - Science – 72.6/100   **2020**
High School – Science – *79.5/100*   **2018**

PROJECTS

Family Travel Tracker (Full-Stack Web Application) | JavaScript, Node.js, Express, PostgreSQL, REST API, Git
- Developed a multi-user travel tracking system using **Node.js, Express, and PostgreSQL**, featuring role-based color coding and shared itinerary management.
- Engineered dynamic **SVG** world map visualizations with color-coded country highlighting using pure **CSS** transitions and path manipulations.

- Built a **RESTful** backend with CRUD operations for managing user profiles (name/color customization) and 150+ country entries (ISO code tracking).
- Designed responsive UI components using **EJS templating, CSS Grid/Flexbox, and mobile-first media queries** achieving 95% Lighthouse accessibility score.
- Integrated **PostgreSQL** relational database with optimized queries using pg library, reducing API response times by 40% through connection pooling.
- Implemented data visualization features including real-time map updates, user-specific color theming, and visited country counters.

Keeper Clone | React js, JavaScript, Node.js, Git
- Developed clone app of google Keeper app.
- Used react components and ES6 features for efficient front-end interface.
- Implemented material-ui icon to better style using react in built icons.

ACHIEVEMENTS

- **Arcade Generative Ai:** Won arcade generative ai Q4 2023.
- **Delivered Tech Talks:** Delivered several tech talks on interesting topics role of AI in chemical engineering, use of data analytics in agriculture.

CERTIFICATES

Practical Web Design and Development   **March 2025**

Udemy   *View Credentials*

Google Cloud Skills Boost   **December 2023**

Google Learning   *View Credentials*

The Complete Full-Stack Web Development Bootcamp   **March 2025**

Udemy   *View Credentials*