

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

Front-End Intern

July 2024 - Sep 2024

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

Full Stack Intern

Nov 2023 - Jan 2024

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

Front-End Intern

August 2023 - Sep 2023

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

Bachelor's in Chemical Engineering

2021 – 2025

Lucknow, Uttar Pradesh

Christ Church College

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

Udemy

March 2025

View Credentials

Google Cloud Skills Boost

Google Learning

December 2023

View Credentials

The Complete Full-Stack Web Development Bootcamp

Udemy

March 2025

View Credentials