

# Zain Ali

+92-309-9323214 | [sheikh.zain0110@gmail.com](mailto:sheikh.zain0110@gmail.com) | [linkedin.com/in/zain-ali-1763bb247/](https://www.linkedin.com/in/zain-ali-1763bb247/) | [github.com/ZeeAli01](https://github.com/ZeeAli01)

## EDUCATION

### FAST NUCES

*Bachelor of Science in Computer Science*

Lahore, Punjab

Sep. 2021 – May 2025

### Government College University Lahore

*Fsc-Pre Engineering*

Lahore, Punjab

Aug. 2019 – May 2021

## EXPERIENCE

### Web Development Intern

*Ultra Codes Pvt. Ltd.*

July 2024 – Present

Lahore, Punjab

- Developed full-stack web applications, including a task management app using Vanilla JavaScript, Express.js, and PostgreSQL, showcasing proficiency in both frontend and backend development.
- Gained hands-on experience with Git and GitHub, actively contributing to code repositories, managing version control, and collaborating with team members.
- Built a Bitly clone (URL shortening service) using React.js with Context API, NestJS, and PostgreSQL, implementing features like authentication, role-based access control (RBAC), API management, and integration with Cloudinary for media uploads.
- Utilized modern web development practices, such as developing RESTful APIs, working with relational databases, and integrating third-party services, to create scalable and secure web applications.

## PROJECTS

### Url Shortener Service | *PERN*

August 2024

- \* Developed a full-featured URL shortener service using React.js, Express.js, NestJS, and PostgreSQL, enabling users to create and manage shortened URLs with enhanced functionality like custom logos and expiration dates.
- \* Implemented robust authentication and authorization with role-based access control (RBAC), ensuring secure user access and management of URL resources, along with API key management for third-party integrations.
- \* Integrated comprehensive analytics tracking, capturing detailed click data to provide users with valuable insights on URL usage and performance.

### To-Do List Application | *REACT*

July 2023

- \* Built a comprehensive To-Do List application with frontend and backend development using HTML, CSS, JavaScript, React.js, Node.js, and MongoDB, incorporating OAuth verification for enhanced user privacy and security.

### Simon Game | *React/JavaScript/HTML/CSS/EJS*

May 2023

- \* Designed and developed the Simon Game using React, JavaScript, EJS, HTML, and CSS, showcasing proficiency in frontend technologies.

### Drum Kit Web-Based Game | *HTML/CSS/JavaScript*

May 2023

- \* Created an interactive drum kit game using HTML, CSS, and JavaScript, offering an engaging user experience.

### Hotel Management System | *HTML/CSS, JavaScript, SQL, Php*

March 2023

- \* Developed a Hotel Management System integrating frontend technologies (HTML, CSS, JavaScript) and backend tools (PHP, SQL) for seamless data handling and management, utilizing PhpMyAdmin for backend functionalities.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, Typescript, HTML/CSS

**Frameworks & Libraries:** React, Node.js, Express.js, NestJS, Material-UI, NPM, Context API

**Developer Tools:** Git, VSCODE, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, VMware, DosBox, SQL Server Management Studio

**Frameworks:** Ubuntu/Linux, SFML, BGI Graphics.