Maz Zama

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SKILLS

- **Languages**: C++, JavaScript, C, Python, Java, R, SQL
- **Frameworks**: HTML and CSS, NodeJS, React
- **Tools/Platforms**: MySQL, MongoDB, Tableau, RStudio, Excel, Git, GitHub
- **Soft Skills**: Problem-Solving, Team Player, Consistency, Project Management, Adaptability

PROJECTS

- **QR code generator | *HTML, CSS, JS*** — Dec 2023 – Jan 2024
  A browser-based application to convert any link or text into a scannable and computer readable QR code.
  Utilized a precompiled JavaScript script for instant QR code generation within the browser.
  Eliminated the need for external APIs or websites, ensuring full offline functionality.
  Designed a clean and responsive UI for seamless user experience across devices.
  Deployment Link: **Live Demo**

- **House Price Prediction | *R Language*** — Jun 2024 - Jul 2024
  Built a House Price Prediction app using R Language and Shiny Library for real-time price estimation.
  Enabled users to input property details for accurate real estate price predictions.
  Implemented linear regression to analyse market trends and pricing patterns.
  Applied data preprocessing techniques to enhance model accuracy and reliability.
- Deployment Link: **Live Demo**

- **N-Queens Visualizer | *C++*** — Jul 2024 - Aug 2024
  Developed an N-Queens Visualizer in C++ to visually demonstrate solutions for the classic N-Queens problem
  Implemented backtracking algorithm to efficiently place queens on an N×N chessboard without conflicts.
  Integrated recursive and iterative approaches to solve and visualize the N-Queens problem dynamically.
  Optimized the algorithm to handle larger board sizes while maintaining computational efficiency.
  Designed an interactive and visually appealing interface.
  Deployment Link: **Live Demo**

CERTIFICATES

- **Cloud Computing** 🔗 — Jul 2024 – Oct 2024
  NPTEL | IIT Kharagpur
- **Data Structures and** 🔗 — Aug 2024 – Sep 2024
  Geeksforgeeks
- **ChatGPT Advanced Data Analysis** 🔗 — Dec 2023 – Jan 2024
  Coursera | Vanderbilt University
- **Excel** 🔗 — Nov 2023 – Dec 2023
  Coursera | Macquarie University
- **The World of Computer** 🔗 — Oct 2023 – Nov 2023
  Udemy

ACHIEVEMENTS

- **Student Placement Coordinator**: — 2024 - 2025
  - Organization at Lovely Professional University (LPU)
- **Media head, Oasis Club**: — 2023 - 2024
  - Organization at Lovely Professional University (LPU)
- **Community Volunteer**: — 2022 - 2023
  - Student Entertainment Event Management Cell, NSS Volunteer
- **Won Bronze Medal in SOF National Cyber Olympiad:** — N.C.O. 2018 - 2019
  - Secured 3rd Rank in City and 324th Rank Internationally

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 7.63 — *Since August 2022*

- **RRDS Inter College Bangarmau Unnao** — Bangarmau, Unnao
  *Intermediate; **Percentage: 84%*** — *April 2019 - March 2021*

- **RRDS Inter College Bangarmau Unnao** — Bangarmau, Unnao
  *Matriculation; **Percentage: 89%*** — *April 2017 - March 2019*