

MOHD ZAID KHAN

MERN STACK DEVELOPER

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www.github.com/64bitAtomic

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, C, C++, Java, PHP, Markdown , bash
- **Frontend:** HTML5, CSS, React, Redux, TailwindCSS, Bootstrap, Vite, json , EJS
- **Backend:** Node.js, Express.js,
- **Databases:** MongoDB, MySQL, MariaDB , DBMS, RDBMS
- **Tools & Platforms:** Git, GitHub, GitLab, Postman, Heroku, Netlify, Vercel, Render, Cloudflare, OpenStack
- **AI/ML:** Pandas, NumPy, Matplotlib, SciPy, Anaconda
- **Operating System** :- Windows , Linux
- **Others:** Context API, JWT, Apache, Canva

WORK EXPERIENCE

PearlThoughts – Backend Developer Intern

From Jul 2025

- Developed backend for Schedula, a hospital appointment booking system, using NestJS, TypeScript, and PostgreSQL.
- Researched wave and elastic scheduling algorithms, integrating AI tools (Claude Code Terminal) for efficiency.
- Tested APIs with Postman and managed code via GitHub for seamless team collaboration.
- Facilitated team discussions on Microsoft Teams to align on project goals and progress.

PROJECT EXPERIENCE

ByteForge - Structured Programming Tutorial Platform

Jan 2025 - Feb 2025

- Built with React.js, Node.js, Express.js, MongoDB.
- Markdown-based content delivery with a sleek dark-theme UI
- Focused on course-based structured learning experiences

Movies Recommendation System

Dec 2023 - Dec 2023

- **Data Collection & Preprocessing:** Gathered movie data from sources such as The Movie Database (TMDb) API. Cleaned and preprocessed data, handling missing values and transforming categorical variables for effective model training.
- **Feature Engineering:** Extracted relevant features such as genres, actors, directors, and ratings. Converted textual information into vector representations using techniques like TF-IDF for better similarity computation.

EDUCATION

Secondary , Senior Secondary

Year of Completion: 2022

Peoples Public School , Bhopal MP

- 10th Percentage: 71.8%
- 12th (Computer Science) Percentage: 73.8%

Bachelor of Computer Science and Applications

Year of Graduation: 2025

Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal MP, India

- **Core subjects:** Data Structures, Web Technologies, Software Engineering, Object-Oriented Programming, Python, C++, Java
- **Final Year Projects:**
 - ByteForge – Course-based structured programming tutorial platform
 - Hippo AI – AI-powered image generation tool
- CGPA/Percentage: 7.78 / 78.75%

ADDITIONAL INFORMATION

- **Languages:** English, Hindi
- **Certifications:** Google Launch Pad, IBM , Scaler