

# M Mohammed Zaid

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## EDUCATION

**Bachelor of Engineering(B.E) Computer Science,**  
Chennai Institute Of Technology CGPA: 8.5

2021 – present | Chennai

## PROJECTS

### Author - NextJS, Prisma, Clerk, ShadcnUI

- Developing a modular authentication micro-service using Next.js, Auth.js Clerk, and Prisma,with remote PostgreSQL database (Neon DB), implemented user signup/login and administrative features, with future plans for email confirmation, password reset, and two-factor authentication, focus is on **scalability and production**.
- Aiming to support up to **1000 users concurrently** with performance and reliability.
- <https://github.com/profzaid007/auth-template>

### ParseCV - NLP, Streamlit, Numpy, Pandas

- An NLP-powered tool using Streamlit, Numpy, and Pandas to efficiently extract and organize data from resumes into a structured CSV, within a **latent accuracy of 75% in data extraction**.
- Visualizations such as Word Cloud to streamline resume analysis, enhancing the candidate selection process.
- <https://github.com/profzaid007/resumdataparser>

### Unisys - Drugs awareness platform + ChatBOT, NextJS, Unreal Engine 5, Flask, BlenderBot

- Developed a drugs awareness platform with an integrated ChatBOT using Next.js, Flask, and BlenderBot
- Implemented Facebook distill bot with custom training sets and achieved **80% reduced memory allocation** through efficient input mapping, while maintaining **60% fidelity**.
- <https://github.com/Harish-M-2003/unisys>

### PortPDF - NextJS, Ollama, PyPDF2, JSON

- Trained an LLM (Codellama) on portfolio websites and implemented an API for prompt calls and returns.
- Extracted resumes content in .pdf and converted to .json with **80% accuracy** using Flask and HuggingFace.
- Generated customized portfolio websites based on resume data and themed styles in HTML/CSS and JS.
- <https://github.com/dirrudra/LLMResume>

## INTERNSHIPS

### Full-Stack Developer - Intern, RPZ Enterprises

Jul 2023 – Dec 2023 | Chennai

- Led the creation of scalable **REST APIs** using **MVC architecture**, PostgreSQL, and ExpressJS
- Streamlined web application deployment on Vercel and OnRender platforms, integrating with remote PostgreSQL databases for improved accessibility by a margin of **45% during deployment**.

### Full Stack Developer - Intern, Veeral Enterprises

Jun 2023 – Aug 2023 | Chennai

- Worked on Static Site Rendering using HTML, CSS, and Bootstrap, resulting in optimized website performance and a **notable 30% reduction in loading time**, significantly improving user experience and navigation efficiency.
- Implemented a seamless user experience by leveraging **Django's MVT framework**, integrating forms and an admin panel into modular templates for dynamic web functionality.

## SKILLS

### Languages

JAVA, Python, JavaScript, Typescript

### AI/ML

Ollama, Stable Diffusion, Streamlit

### Web Dev

NodeJS, ExpressJS, Prisma, NextJS,  
PostgreSQL, Supabase, ReactJS,  
PicoCSS, TailwindCSS

### Miscellaneous

Linux,PocketBase, Blender,  
MongoDB, Bootstrap, Sanity CMS,  
VIM,DaisyUI, ShadcnUI,

## COMPETITIVE CODING

- LeetCode**: Secured **Top 70.93%** Contest Rating **1429** and Solved **527 problems** - [leetcode.com/u/Zaidi007](https://leetcode.com/u/Zaidi007)
- CodeChef**: Secured Contest Rating of **1391** with Global Rank of **48366** - [codechef.com/users/codezaidprof](https://codechef.com/users/codezaidprof)
- CodeForces**: Secured Contest Rating of **922** with **60+** submissions B - [codeforces.com/profile/zaid007](https://codeforces.com/profile/zaid007)

## CERTIFICATIONS

- Back-End Apps with Node.js and Express (IBM)
- Web Development with HTML, CSS, JavaScript (IBM)
- Introduction to Cloud Computing (IBM)
- Front-End Apps with React (IBM)
- CCNA v1 & CCNA v2 CyberSecurity Training [CISCO]

## ACHIEVEMENTS

### Smart India Hackathon 2023 - Winner, SIH 1411 - Ministry of Home Affairs

Dec 2023

- Developed an VR simulation system using Unreal Engine 5 and Blender, addressing counter hijacking systems and air marshal operations, endorsed by the Ministry of Home Affairs. Role:**3D Blender Modeller**

### Analysis of Time and Space Complexity of Array, Linked List and Linked Array(hybrid) in Linear Search

**Operation - Research Paper**, <https://ieeexplore.ieee.org/document/10028872>

- Conducted a comprehensive analysis comparing time and space complexities of linear search operations across array, linked list, and the pioneering Linked Array structure, showcasing its nature and performance.