ATHARVA ADAM

Electronics & Telecommunication Engineering

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LinkedIn | GitHub | Leetcode

ACADEMIC QUALIFICATIONS:

Bachelor of Engineering (B.E.)	**2021-2025**
University of Mumbai. Passed with **8.9** CGPI.	
Higher Secondary School Certificate (H.S.C)	**Feb'2021**
Maharashtra State Board. Passed with **89%**.	
Secondary School Certificate (S.S.C)	**Mar'2019**
Maharashtra State Board. Passed with **83.4%**.	

COURSEWORK / SKILLS:

- **Language:** C/C++ | JavaScript | Python | Java | TypeScript
- **Database:** PostgreSQL | MongoDB |
- **Tools:** Git | Postman | Prisma | Cloudflare Workers
- **Libraries :** React | Express.js | Node.js | Tailwind CSS | Redux | Tan Stack Query | Zod
- **Knowledge:** DSA | DBMS

PROJECTS:

Word Weaver | ReactJS | Prisma Accelerate | Cloudflare Workers | Hono — **May'24 – Jun'24**
- Engineered application security through a **custom npm package** using **Zod**, ensuring comprehensive data validation across the platform, **reducing data inconsistencies** and improving user experience.
- Optimized performance by leveraging **Cloudflare Workers**, achieving a **30% improvement** in responsiveness and reduced latency, enhancing user experience on the platform.
- Designed and implemented a scalable database schema using PostgreSQL with Avien Tech, resulting in significant enhancements to data retrieval speed and query response time.

A2Z Clothing | MongoDB | ExpressJs | ReactJS | NodeJS — **Feb'24 – Mar'24**
- Implemented a state-of-the-art **Real-Time Query (RTQ)** system and developed secure **JWT**-based authentication and authorization for enhanced user interaction and data protection.
- Engineered and deployed an innovative password reset system leveraging **node mailer technology,** facilitating seamless account recovery for users through email-delivered reset links.
- Orchestrated the seamless integration of the **Stripe payment gateway**, streamlining the checkout process and ensuring a frictionless and secure transaction journey for users.

INTERNSHIP:

Vanilla Kart | Frontend & Backend Developer — **Jan'24 – Feb'24**
- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to **identify and fix bugs/issues.**
- Designed and implemented a **database model** for the website and **created API routes** to facilitate seamless data interaction and functionality.
- Implemented a website based on provided design specifications, creating a responsive and user-friendly interface, and developed API routes for seamless data interaction.

CO/EXTRA-CURRICULAR ACTIVITIES

- Led a team of 10 students in **developing a low-cost stain remover**. Mentored students in ideation, research, and hands-on experimentation, fostering a creative and collaborative learning environment. Collaborated with JP Morgan professionals to provide valuable insights and guidance throughout the project. — **Feb'23 – May'23**
- Conducted in-depth research on alternative energy sources for Electric Vehicles (EV) and authored a research paper titled "Exploring Sustainable Alternatives for Electric Vehicles", which was successfully published in IC-HSTE 2022. — **Dec'22 – Feb'22**

HOBBIES:

• Sports	• Movies	• Drawing	• Dancing