Aakash Singh

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SUMMARY:

Full stack web developer with expertise in front-end and back-end development. Experienced in building robust and scalable web solutions. Committed to staying at the forefront of technology and delivering high-quality, innovative projects.

TECHNICAL SKILLS:

- **Frontend** - HTML & CSS, JavaScript, React.js, Typescript
- **Backend** - Node.js, Express.js, Typescript
- **Database** – MySQL, MongoDB
- **Programming** – Java, Python

EXPERIENCE:

Web Developer Intern – Prodigy Infotech | March 2024 – Present

- Actively participated in the development and enhancement of web applications using HTML, CSS, JavaScript, and React.js, contributing to improved user experiences and functionality.
- Collaborated with senior developers to troubleshoot and resolve technical issues, gaining hands-on experience in debugging and problem-solving within a professional development environment.
- Engaged in continuous learning and professional development by staying updated with industry trends, best practices, and emerging technologies in web development.

PROJECTS:

Tasky Application - (link - https://aakash0898.github.io/Tasky-Application/)

Tech Stack: HTML, CSS, JavaScript, Bootstrap

- Developed a responsive web application, Tasky, using HTML, CSS, and JavaScript, serving as an intuitive notepad for managing tasks and creating to-do lists.
- Utilized JavaScript to add interactive features such as task creation, editing, deletion, and sorting functionalities, enhancing the user experience and productivity.
- Tested the application thoroughly to ensure cross-browser compatibility, responsiveness, and smooth functionality, delivering a reliable and user-centric experience.

Vehicle Theft Detection and Intimation Using GPS/GSM Module - (Final Year project)

Tech Stack: C++, GPS, GSM, Arduino

- Led the development of an advanced GPS/GSM-based Vehicle Tracking System that achieved a **99% accuracy rate** in real-time tracking and monitoring of vehicle location, speed, and estimated arrival time.
- Successfully integrated GPS and GSM technologies, providing real-time insights into vehicle location, speed, and estimated arrival time.
- Implemented real-time tracking functionalities, enabling **precise monitoring of vehicle location and status** while in motion.
- Developed an innovative **engine control feature** allowing for the remote immobilization of stolen vehicles, providing an additional layer of security.

Adjustable Timer Circuit with Buzzer using 555 Timer IC - (Third Year Project)

- Developed a versatile Adjustable Timer Circuit leveraging the 555 Timer IC, designed as a monostable multi-vibrator, producing a single-shot pulse for a variable time limit.
- Integrated crucial timing elements like the Variable Resistor (VR1) and Capacitor (C1) for precise adjustment of the output pulse duration, showcasing the practical use of the 555 Timer IC.
- Implemented a variable timing feature, allowing precise adjustments of the output pulse duration, enhancing the circuit's versatility for various applications.

EDUCATION:

Bachelor's of Engineering (Electronics Engineering) - June 2022
Mumbai University

12th | Dr. B P P S Sarvodya Inter College - April 2017
Uttar Pradesh State Board of High School and Intermediate Education

10th | Victoria Public Sr. Sec. School - May 2013
CBSE Board

CERTIFIATIONS:

- **Backend Web Development Using Node.js and Express.js -** Amazon Web Service
- **Business Intelligence using Power BI** – Skill Nation
- **Workshop on Ethical hacking** – IIT Bombay

VOLUNTEERING & LEADERSHIP:

- **National Service Scheme |** Male Leader **|** Navi Mumbai
- **Road Safety Club |** President **|** Navi Mumbai