

Mobile No.: [REDACTED]
Email-id: [REDACTED]
LinkedIn: [www.linkedin.com/in/abhinav\[REDACTED\]](https://www.linkedin.com/in/abhinav[REDACTED])
GitHub: [https://github.com/\[REDACTED\]-Prajapati](https://github.com/[REDACTED]-Prajapati)

PROFESSIONAL SUMMARY

I am a skilled Full Stack Web Developer and Embedded [REDACTED] with expertise in web and IoT projects. Experienced in building sy [REDACTED] from scratch, I specializ [REDACTED] development (React, React Native), back-end frameworks (FastAPI, [REDACTED]), and embedded programming (Arduino, ESP32). Notable achievements include top rankings in the [REDACTED] ngapore, showcasing my problem-solving and technical leadership. Proficient in [REDACTED], [REDACTED], [REDACTED], and AWS, I am dedicated to creating practical, impactful solutions.

CORE COMPETENCIES / SKILLS

- **Front-End Development:** React, React Native, Tailwind CSS
- **Back-End Development:** [REDACTED], [REDACTED]
- **Database [REDACTED]:** [REDACTED]
- **Embedded Systems:** C/C++ for Arduino, ESP32
- **Tools and Platforms:** Docker, [REDACTED], [REDACTED] (EC2, [REDACTED])
- **[REDACTED] Skills:** Problem-solving, Team [REDACTED]

ACHIEVEMENTS

- 1st Position – [REDACTED] Hackathon, [REDACTED]
- 1st Runner Up (2nd Position) – [REDACTED], [REDACTED]
- 2nd, 4th, and 5th Positions – [REDACTED], [REDACTED]
- All [REDACTED] Rank 11 – DD [REDACTED] 2023
- 2nd Runner Up – [REDACTED] Hackathon, [REDACTED], [REDACTED]

- Embedded [REDACTED] (Robotics), [REDACTED], [REDACTED], [REDACTED] [REDACTED] - Led the design and development of robotic projects using Raspberry Pi and Arduino Uno for DD [REDACTED]. Collaborated with a multidisciplinary team to prototype and test robotic solutions. - Implemented drive systems and control algorithms, integrating mechanical components to enhance robot functionality.

PROJECTS

- **HYDRATEME – Smart Hydration Solution (Current Project)** Combines IoT sensors and a mobile app to track and personalize water intake based on health data, activity, and weather conditions. **Technologies Used:** React Native, [REDACTED], [REDACTED], ESP32
- **Home Automation System** Built a home automation system using Home Assistant and ESP32 modules for remote control of lights, appliances, and door locks with RFID tags. **Technologies Used:** Home Assistant, ESP32, RFID sensors

LEADERSHIP VOLUNTEER [REDACTED]

- **Technical Team Leader** Experienced in task delegation and team coordination, ensuring effective collaboration in technical projects. Led multidisciplinary teams from ideation to testing phases.