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| **Param Singh**  **Full stack Developer**  Targeting **Full stack Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth. | |
| Contact   |  |  | | --- | --- | |  | abcxyz@gmail.com | |  | +91 xxxxxxxxxx | |  | https://www.linkedin.com/in/param-singh-744a97269/ |   Academic Details   * **Bachelor of Engineering (B.E.) Computer Engineering**   College Name, City;  CGPA: 9.15  Soft Skills  Analytical | Collaborator | Leader | Adaptable  Technical Skills   * **Programming Languages:**   JavaScript, Python, Go   * **Frameworks:**   React, Express, Django  Core Competencies     |  | | --- | | Agile Methodologies | |  | | Software Development Life Cycle | |  | | Restful API | |  | | Debugging | |  | | Containerization | |  | | Web Services | |  | | Microservice Design | |  | | Performance Optimization | |  | | System Scalability | |  |     Personal Details  **Date of Birth**: 12th May 20xx  **Languages Known:** English, Hindi  **Address:** Lucknow, Uttar Pradesh | Profile Summary |
| * A full stack developer with high **problem-solving skills** and develops **complex projects**. * I have proficiency in **IoT Devices** and built projects which can be used by a widespread of people. * **Developed a highly scalable attendance system** which is used regularly in our college. * Working professionals **achieved Posture improvement** with help of my **Smart Chair**. * Identified the visual inaccuracies in the existing college website and **improved** the UI. * Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.   Academic Projects  **Slouch Detection System June 2022 – March 2024**  **Tools: React, Django, Docker, Arduino Programming**  A Smart Chair which helps the user to avoid bad posture by sending an  alert on desktop and a dashboard to show the improper posture.  **Responsibilities:**   * Designed the hardware for this system, and programmed it using Arduino IDE. * Designed and Developed the Dashboard in React, where the user will get an alert for improper posture. * Developed the backend of this system, which will take the data from sensors over web socket and send it to the neural network to check the posture of the user. * Deployed the entire architecture over Docker Compose and Nginx on a self-hosted cloud (Raspberry Pi 4). * <-Add-source-code->, <-Add-Live-Link->   **Smart Home System June 2022 – March 2024**  **Tools: React, Node, Docker, Arduino Programming**  A device which sits inside a conventional switch board and makes normal appliance –  Smart using IoT protocols.  **Responsibilities:**   * Designed and implemented the Web App for toggling lights, fans, AC, TV over web. * Developed the backend in Node to send the API requests to IoT devices over MQTT protocol. * Integrated voice assistants like Google Home, Alexa, Siri in the backend to make the appliances voice activated. * Deployed the entire architecture over Docker Compose on Amazon EC2 Instance. * <-Add-source-code->, <-Add-Live-Link->   Academic Achievements   * Implemented a biometric attendance tracker system for college to track and export attendance of students in CSV format. * Improved the UI of college website to include a separate page for Alumni and Teachers. * Writing a Research paper for Slouch Detection System and planning to publish in the later half of this year. * <-Add-significant-achievements-> |