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| Pranay Das  Full-stack Web Developer | Hyderabad, 500031  **(+91) 7097873913**  **(+91) 8420961575**  **contactwithpranay0@gmail.com** |
| SUMMARY:  * 5+ years of IT experience in web applications development using Programming techniques like HTML, CSS3, JavaScript, MongoDB, Python * Extensive Process Oriented Programming experience using JavaScript * Experience in MongoDB, Database Design * Good knowledge in handling code using a version control system like Git. * Highly motivated team player with strong communication, analytical and organizational skills. * Ability to rapidly learn new concepts with excellent interpersonal skills and problem-solving skills * Fast Learning ability and adapt different programming languages with ease.  EXPERIENCE Working as Software Engineer at **Mobigesture Software Pvt. Ltd.** Hyderabad from Sep 2015 to till date  From July 2018 to till date working onsite at XILINX India Pvt Ltd. EDUCATIONCenter for Development of Advanced Computing(CDAC), Hyderabad— *PG Diploma*February 2015 - August 2015 PGDC on Embedded System Murshidabad College of Engineering & Technology, West Bengal — *Degree*August 2008 - April 2012 B.Tech on ECE PROJECTSACAP Cockpit — *July 2018 - Ongoing* **Platform:** Desktop  **Technology**:  Polymer3, JavaScript, High charts, Flask, Python3, RabbitMQ, MongoDB,Docker  **Database Used**: MongoDB  **Description**:  ACAP Cockpit is one step solution for performance analyzing and debugging and microcontroller chip for XILINX India Pvt Ltd. ACAP cockpit is a user-based dashboard application.  Important features of this application are:   * User can view all registers along with internal bit description of an active board at a glance from GUI and also can do read and write to either all registers or any particular bit or register. * Read/Write operations are executing by TCP/IP socket – JTAG to Microcontroller. * Also have facilities to download configured script in .tcl format, ready to execute in any Microcontroller terminal. * Can monitor multiple registers input/output/throughput in graphical format with custom configurable too (High charts with live graph) * Providing a terminal to communicate directly with Microcontroller and also can download all executes operation (Ex- mrd, mwr) * Also can get any active or inactive registers details by hovering on Microcontroller Layout (SVG Layout) * User terminal: where user can do all internal operation without knowing any syntax, like user-friendly sentence (Ex: Read error register, Write {{register-name}}, Read Multiple registers, Write multiple registers) * User Plot: User can view any register graphical view as per their own configuration  Waltair Club — *May 2018 - July 2018* **Platform:** Desktop  **Technology**:  Angular, JavaScript, Django, Python3, MySQL  **Database Used**: MySQL  **Description**:  It is a desktop application portal which allows Waltair Club admin and their members book rooms, pay bills and post events. KnoahsARK360 — *Jan 2016 - May 2018* **Platform:** Desktop  **Technology**:  JavaScript, High charts, NodeJs, Python3, MongoDB  **Database Used**: MongoDB  **Description**:  KnoahsARK360 is an Integrated Contact Center Performance Management Software that can help manage and enhance business performance across the enterprise. It is a cloud-based,mobile-compatible reporting and analytics solution that provides multi-layered insights for each and every program and function with the organization.  Important features of this application are:   * It provides actionable insights at a glance and helps manage the entire customer contact center environment by integrating locations, staff, departments, tools, data points and processes towards making critical decisions. * you can share and report on data. * It is a Role-based User Mapping software with SSL Certified and allows only Single Sign In (SSO). * Role-based dashboard with Multiple Performance Elements Selection, Multiple Date Range Dropdown, Multi-Layered Drill-Down, Heat map visual Representation, and graphics. | SKILLS  * Python 3.x * Flask * MongoDb * JavaScript * HTML5/CSS3 * Bootstrap * JQuery * Data Structure * Django * C3/Highcharts * Docker * Nginx * Apache web services  AWARDS Awarded as **Employer of the Month** once and nominated twice LANGUAGES English, Bengali  **Role:**  My responsibility was as a backend developer (Flask and Python3 and Mongo operation).  Key features I worked on:   * Writing Python Flask API for UI Operations * LDAP Authentication for Users login and maintain a customized session using Python and Mongo DB. * Writing Socket connections for read/write /connect/disconnect to Microcontroller * Multiple Users can connect to the same Microcontroller by Master/slave, One Master who can read and write others are slaves only can read. * As soon as Master Logout First slave will be Master. * Writing Mongo query to read data from MongoDB as per User’s input using Python Pymongo * For live graph establish WebSocket connection through UI and Microcontroller. Data reading from Microcontroller using RabbitMQ and send through WebSocket. For avoiding latency creates parallel thread for multiple live graphs * Script to dump Register database from ODS file to MongoDB using python and pandas. * Dockerizing the application for various OS. * Run web services using nginx and apache2   **Role:**  My responsibility was as a backend developer (Django, Python3, MySQL).  Key features I worked on:   * Build REST api using python Django * Design and maintained MySQL database     **Role:**  My responsibility was as a Full-stack developer (HTML/CSS3, Javascript, NodeJs and Mongo operation).  Key features I worked on:   * Identification of requirement and implement interactive features of dashboard required for the application. * Developing web UI/API’s using JavaScript, NodeJs. * Writing queries for pulling data from Database using MongoQuery. * Graphical representation of data using C3, Highcharts, and HeatMap. * Unique features like SSO, Multilayered drill down, dynamic form creation, custom report generation. |