|  |  |
| --- | --- |
| Pranay DasFull-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.

EXPERIENCEWorking as Software Engineer at **Mobigesture Software Pvt. Ltd.** Hyderabad from Sep 2015 to till dateFrom 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 2015PGDC on Embedded SystemMurshidabad College of Engineering & Technology, West Bengal — *Degree*August 2008 - April 2012B.Tech on ECEPROJECTSACAP 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

AWARDSAwarded as **Employer of the Month** once and nominated twiceLANGUAGESEnglish, 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.
 |