Chetan N

e-mail : chetannagaraj123@gmail.com   phone : +91 8088731789

#14/4, K.N.R Nest ,13th Cross, 8th Main, Malleswaram, Bangalore - 560 003

Having **4.5 years** of Industry experience in building **REST API** based Software Applications as **full stack** developer. Actively looking for job in **Angular and Python** based software development.

KEY TECHNICAL STRENGTHS

- Having good work experience in developing Frontend single-page web application using Angular.
- Good experience in HTML, CSS and JavaScript.
- Working experience on writing Backend RESTful web API's using Python – Flask.
- Good experience in developing standalone application using Python Tkinter.
- Have Experience on ORM Flask-SQLAlchemy with MYSQL Database.
- Good Experience in Data modelling, Store procedures, and Object Modelling for DB.
- Basic knowledge on Nginx and Gunicorn Server.
- Good experience on Chart.js library for interactive data visualizations Charts.
- Good experience in working with Invision and Adobe XD

PROFESSIONAL EXPERIENCE

Software Engineer – Visionet Systems   March 2021 - Present

Roles and Responsibility

- Understanding the Overall requirement, designing and implementing the software programs.
- Analysing provided requirement for business logics.
- Writing and implementing efficient code.
- Deployment of the software program on to DEV, QA and PROD server.
- Maintaining and optimizing the code with various tools.
- Presenting the developed product features to the Client's.

Projects worked on

1. Halcyon : A Complete Insights for Tax Filers in US
   Technologies : **Angular 10+, TypeScript, HTML, CSS, Python Flask, MongoDB**

   The Web based application which makes Tax Filling process easy for US Citizens , This platform is provided for US citizens, Banking institutions and Tax filing auditors. It also provides insights on financial aspects like assets, liabilities, income and debt, Where user can enter all his financial details of every assessment year and can obtain different strategies to optimise and improve his financial statuses and save taxes .Also helps in tax

filing in the same portal. For banking institutions a complete information of their customers along with financial status will be viewed and maintained.

Assistant Software Engineer – Axiscades   August 2019 - March 2021

Roles and Responsibility

- Understanding the Overall requirement, designing, implementing the software programs.
- Writing and implementing efficient code.
- Managing the modification in existing software programs and developing the changes by adopting agile process.
- Deployment of the software program on to the production server.
- Maintaining and improving the existing system based on the requirement.

Projects worked on

1. Priority and Visual Management Tool
   Technologies : **Python FLASK, Angular 6, MySQL, SAP GUI**

   This application project involves monitoring the overall work assigned to Axiscades from AIRBUS plant through SAP, where all the work involves design and stress activity of an Aircraft. The tool involves monitoring day-to-day work status of each engineer & supplier, assignment of task to particular designer, prioritizing the MSN (Manufacturing serial number), Notifying/Alerting the user of high priority task, increasing the production rate by fixing the target date to multiple task and generating the report for PMOs. This Project involves automated data extraction from SAP GUI, storing the data in database .The tool will have a role-based login access (admin/employee) and automated mail generation. The complete web-application is deployed in internal server and accessed by all Axiscades members from all the location.

2. Quick Search Fasteners and Clean Drawing Tool
   Technologies : **Python FLASK, HTML, CSS, JS, MySQL**

   This application involves easy UI to showing up the detail parts of fuselage with related fasteners CATIA diagrams and Clean drawings which is drawn from CATIA .The tool is mainly used in Repair section of an aircraft. User interact with the tool when he needs a particular fasteners details, refer a drawing, copy the CATIA drawing to prepare documents and can search all the drawing numbers particular to the repair task.

3. Legacy Tracker – (MVP)
   Technologies : **Python FLASK, Angular 6, MySQL**

   This application involves interactive visual tool to monitor the Life-cycle of each concession with respect to SAP creation and quality signed data. Monitoring the day-to-day work status and generating KPI reports at any requested time. The tool has the capability of comparing the current data v/s historical data by interactive Graphs and

charts. The tool is used to manage the workflow and to achieve Production rate. The project is scalable and applied across all the programs and plants of AIRBUS with custom modification.

4. SRM ISAMI Doubler Post-Processing Tool – (MVP)
   Technologies : **Python FLASK, Angular 6, MySQL**

   This application involves interactive 2-D structure of an Aircraft Fuselage part with user control for dynamic selection the frame and stringer number to get technical information about an aircraft where an engineer or designer will have the one-stop application to get all the technical details, documents and reports of the fuselage part. User will have various option like selecting interested frame or stringer number related to his task, calculated results and taking print-out of pre-processed data relevant to the model of the aircraft.

Software Developer – Parichaya Tech Solutions   June 2018 - July 2019

Roles and Responsibility:

- Understanding the Overall requirement, designing, implementing the software programs.
- Writing and implementing efficient code.
- Managing the modification in existing software programs and developing the changes by adopting agile process.
- Maintaining and improving the existing system based on the requirement.

Projects worked on

1. Organization Webpage Management
   Technologies : **HTML, CSS, JS, MS-EXCEL, Google Sheets**

   This application is built basically to project the complete business solutions on the internet and also frequent updates regarding the upcoming notifications and add on features.

2. School Management System:
   Technologies : **Python FLASK, Angular 6, MySQL**

   This application gives a platform to the Teachers and the management to maintain the over all student databases at one places.

Software Intern – LMT Software Solutions Pvt. Ltd.   Aug 2017 - Nov 2017

Roles and Responsibility

- Worked on Cloud Computing module, majorly related on user authentication.

- Securing the data in cloud by providing a hierarchical access control method.
- Involved in data processing, storing and accessing, which is designed to ensure the users with legal authorities to get corresponding classified data
- Restrict illegal users and unauthorized legal users get access to the data.
- Maintaining and improving the existing system based on the requirement.

Software Intern – Sonata Software Limited   July 2015 - Aug 2015

Roles and Responsibility

- Creating database objects like tables, views, sequences and synonyms.
- Writing SQL queries for DML & DDL operation, developing xml reports, writing Complex Joins, Views, Indexes and Sequences.

SKILLS

- Programming Language - **Python**
- Web technologies - **HTML, CSS, Bootstrap, JavaScript, TypeScript**
- Framework - **python FLASK, Angular**
- Database - **MySQL, MongoDB**
- Version control - **Git, SVN**
- Task Tracking - **Azure Devops, JIRA**

EDUCATION

- 2018 - **M. Tech** in **Computer Science and Engineering** from Bangalore Institute of Technology (BIT), VTU, Karnataka.

- 2016 - **B.E** in **Information Science and Engineering** from R.R Institute of Technology (RRIT), VTU, Karnataka.

INTERESTS

Badminton, Photography, Travelling, Gardening

DECLARATION

I hereby, declare that the information furnished above is true to the best of my knowledge.

CHETAN N