

RESUME

Name : SHANMUGARAJA K
Qualification : B.Tech (Information Technology)
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Address : No-118, B Block, Sriven Luminous Amaltas, Doddathoguru, E-City Phase 1, Bangalore – 560 100.

PROFESSIONAL SUMMARY:

- Over 10 years of IT experience in software analysis, Designing, Development, Testing, Implementation and production Support in varies Client/Server and Web based applications in **Python, Node JS and PHP** platforms.
- Experience of programming using Object Oriented Programming (**OOPs** concept) and software development life cycle (**SDLC**), architecting scalable platforms and object-oriented programming, databases design and agile methodologies.
- Good experience with **Flask**, a high-level Python web framework. Experience object-oriented programming (OOP) concept using Python, Flask and **Linux**.
- More than 6+ years of Professional Web Apps development experience using Django and Flask inclusive of experience in UI using **JavaScript, Angular 2+** and **React-Redux**.
- Experience in using frameworks and tools like **Django, Flask, Django REST** and **FastAPI**.
- Experience working with **Docker** images and containers and **Ansible**.
- Proficient knowledge in Web services like **Azure** and **AWS** Services.
- Worked with varieties of Relational Databases (**RDBMS**) like **MS SQL, MySQL, PostgreSQL** and NoSQL like **MongoDB** and **Cassandra**.
- Experience in installing software using **pip** command for python libraries like **Pandas data-frame, Numpy, Seaborn, BeautifulSoup, Scipy, sci-kit-learn, Matplotlib, uuid** and used **PEP8** coding convention.
- Extensive experience in Text Analytics, generating data visualization using Python and creating dashboard-using tool like **Tableau**.
- Working on a new web app built in **AngularJS** using **ES6**.
- Experience in Developing reverse proxy using **NGIX** and **Ansible** to manage end user quarantine.
- Strong experience using **REST Web Services** for data communication between remote systems, designed, developed.
- Well versed with design and development of presentation layer for web applications using like **HTML5, CSS3**, and JavaScript.
- Designed Frontend within object oriented **JavaScript Framework**.
- Experience using **GIT** version control and testing deployments using **Heroku**.
- Prepare and maintain all applications utilizing standard development tools.
- Refactor, optimize and improve the existing codebase for maintenance and scale.
- Use test-driven development and acceptance tests to ensure feature quality.
- Document the development process, architecture, and standard components.
- Coordinate with co-developers and keeps project manager well informed of the status of development effort and serves as a liaison between development staff and project manager.
- Demonstrated ability to complete projects in deadline-oriented environments.
- Maintaining high coding standards and practices and exercising quality control on all aspects of software development.
- Extensive experience in Data Visualization including producing tables, graphs, listing using various procedure and tools such as Tableau.
- Experience with continuous integration and automation using **Azure Pipeline**.
- Experience with **Unit testing / Test driven Development (TDD)**, Load testing.
- Excellent communication, interpersonal and analytical skills and highly motivated team player with the ability to work independently.
- Practical experience with working on multiple environments like development, testing, production.

- Excellent analytical and problem-solving skills and ability to work on own besides being a valuable and contributing team player.

WORKING EXPERIENCE:

- Currently working as a **Team Lead** in **Onward Technologies**, Bangalore from Oct'20 to till date.
- Worked as a **Senior Software Engineer** in **Nalashaa Solutions (I) Pvt Ltd**, Bangalore from Oct'12 to Oct'20.
- Worked as a **Member Technical Staff** in **HCL Technologies**, Noida from Apr'11 to Oct'12.
- Worked as a **Software Engineer** in **Accel Frontline Limited**, Chennai from Feb'10 to Apr'11.

TECHNICAL SKILLS:

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| Programming Languages | Python, PHP, Linux Shell Scripts. |
| Web Developments | Node JS, Express JS, JavaScript, HTML/HTML5, CSS/CSS3, CSS Bootstrap, Ajax, JSON, XML, REST API, Web Services. |
| Frameworks | Django, Flask, FastAPI, Angular JS, Angular 2. |
| IDE & Tools | VS Code, PyCharm, Anaconda Navigator, Eclipse, Notepad++. |
| Database | MS SQL, MySQL, PostgreSQL, Mongo DB. |
| Server | Apache Tomcat |
| Version Control | GitHub |
| Cloud Technologies | Microsoft Azure, AWS |
| Operating System | Windows and Linux |
| Python Libraries | Pandas, Numpy, JSON, Unit Test, Tkinter, Beautiful Soap |
| Container | Docker and Kubernetes |

PROFESSIONAL EXPERIENCE:

Client: DTICI

Nov'20 – Present

Role: Lead Full Stack Developer

Description: Daimler Truck Innovation Center India (DTICI). A captive unit to support Daimler Truck AG research, IT & Product development activities. A true global organization catering to various Daimler units from East to West. Big Data and Advanced Analytics, System Integration Lab for Bus, Share mobility and Electrification topics. Our design colleagues work on developing the best-in-class products that go on define the Interiors and exteriors of our Trucks and Buses. Important components of the Digital dependencies on overall product development, is located now at DTICI. DTICI also aims to collaborate closely with suppliers in India for its activities in product development and IT collaborations. It is now one of the largest development centers outside Germany. It has established itself as a valuable center to all business units and brands of Daimler Truck worldwide.

Responsibilities:

- Designed and developed Python and Flask for the backend development and front-end application using Angular, Web pack, and ES6/7 and MSSQL for database.
- Involved in various phase of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design and development.
- Involved in the process of creating Use-case diagrams, Activity flow diagrams, Class diagrams, Object diagrams in the design phase, and developed the Coding module.
- Created Python and Bash tools to increase efficiency of application system and operations, data conversion scripts, REST, JSON, and CRUD scripts for API integration.
- Automation of unit testing using Python.

- Worked on Flask ORM module for signing complex queries.
- Implemented various Validation Controls for form validation and implemented custom validation controls using Object Oriented JavaScript.
- Developed Restful micro services using Flask and deployed on Azure server.
- Automated most of the daily task using python scripting.
- Worked on Kanbo board for managing the tasks and improving the individual performance.
- Experience in reviewing Python and Angular for running the troubleshooting test cases and bug issues.

Environments: Python, Flask, REST API, Pandas, Angular, Typescript, MSSQL, Tableau, Azure, Ansible, Linux, Apache, Bootstrap, HTML5/CSS, GitHub, Docker and Kubernetes.

Client: Workwear Group, Australia

May'17 – July'20

Role: Sr. Full stack developer

Description: Workwear group is one of the leading retail and Ecommerce Company based in ANZ. Who are manufacturing major types of work wear brands to serve small and medium enterprises such as Defense, Security, and Emergency services, Health, Airlines, Retail and Hospitality, It offers a portfolio comprising four market leading brands. Produces uniforms – sources directly from one their brands or working with their design team to bring unique brand to life.

Responsibilities:

- Conduct coding for new development, bug fixes and client modifications.
- Develop unit test plans along with conduct unit as well as string testing.
- Provide assistance to support and sales personnel with issue troubleshooting.
- Prepare and modify database tables as required.
- Provide database and code optimization recommendations.
- Support with server monitoring.
- Interact professionally with QA with respect to test code changes.
- Comply with code standards.
- Ensure to interact directly with clients as necessary.
- Convey project requirements, risks as well as assumptions to project team along with client.
- Perform with project team to develop and design effectual solutions for customers within project constraints.
- Perform on multiple projects all together in fast-paced deadline-driven atmospheres.

Environments: Python, Micro services, REST API, Angular, MySQL, HTML5, CSS3, Typescript, Linux, Responsive Design, Bootstrap, XML, LESS and SASS.

Client: Permobil, Sweden

Apr'16 – Apr'17

Role: Sr. Developer

Description: The Virtual Seating Coach is a new service on the web that will allow clinicians to program appropriate seating recommendations and remind their clients to keep up their good work and track the progress. The clients will receive reminders through the Virtual Seating Coach app, which will help them follow the prescribed repositioning regimen like a fitness program.

Responsibilities:

- Developing front-end website architecture.
- Designing user interactions on web pages.
- Developing back-end website applications.
- Creating servers and databases for functionality.
- Ensuring cross-platform optimization for mobile phones.

- Ensuring responsiveness of applications.
- Working alongside graphic designers for web design features.
- Seeing through a project from conception to finished product.
- Designing and developing APIs.
- Meeting both technical and consumer needs.
- Staying abreast of developments in web applications and programming languages.

Environments: Node JS, Express, Angular JS, MongoDB, HTML5 and CSS3, Linux and GitHub.

Client: Permobil, Sweden

Feb'14 – March'16

Role: Sr. Developer

Description: The Virtual Seating Coach is a new service on the web that will allow clinicians to program appropriate seating recommendations and remind their clients to keep up their good work and track the progress. The clients will receive reminders through the Virtual Seating Coach app, which will help them follow the prescribed repositioning regimen like a fitness program.

Responsibilities:

- Conduct coding for new development, bug fixes and client modifications.
- Provide assistance to support and sales personnel with issue troubleshooting.
- Prepare and modify MySQL tables as required.
- Provide database and code optimization recommendations.
- Interact professionally with QA with respect to test code changes.
- Comply with code standards.
- Ensure to interact directly with clients as necessary.
- Execute all PHP-related projects technical aspects like design, deployment, development, project documentation and product maintenance.
- Convey project requirements, risks as well as assumptions to project team along with client.
- Perform with project team to develop and design effectual solutions for customers within project constraints.
- Perform on multiple projects all together in fast-paced deadline-driven atmospheres.

Environments: PHP (Drupal7), PostgreSQL, HTML5, CSS, CSS3, JavaScript, jQuery, Bootstrap, Responsive design.

Client: Helix Digital, Australia

Oct'12-Oct'13

Role: Sr. Developer

Responsibilities:

- Conduct coding for new development, bug fixes and client modifications.
- Develop PHP-MySQL unit test plans along with conduct unit as well as string testing.
- Provide assistance to support and sales personnel with issue troubleshooting.
- Prepare and modify MySQL tables as required.
- Provide database and code optimization recommendations.
- Support with server monitoring.
- Interact professionally with QA with respect to test code changes.
- Comply with code standards.
- Ensure to interact directly with clients as necessary.
- Execute all PHP-related projects technical aspects like design, deployment, development, project documentation and product maintenance.
- Convey project requirements, risks as well as assumptions to project team along with client.
- Perform with project team to develop and design effectual solutions for customers within project constraints.
- Perform on multiple projects all together in fast-paced deadline-driven atmospheres.

Environments: PHP (Drupal7 & Magento), MySQL, HTML5, CSS, CSS3, JavaScript, jQuery, AJAX JSON, Bootstrap, Responsive design.

Client: RDAi (Readers Digest Association Interactive), USA
Role: Drupal Developer

Nov'11 – Sep'12

Description: RDA Interactive (RDAi) is a global organization within Reader's Digest responsible for all of the interactive (e.g., digital, online) publishing and consumer marketing (primarily selling subscriptions and single products). Readers Digest Association (RDA) publishes the world's #1 general-interest magazine, "Reader's Digest," which is translated into some 21 languages. The company also uses its extensive consumer database of more than 130 million names to market, special-interest magazines, music, videos, and financial and health products to customers in some 80 countries..

Responsibilities:

- Produced project status reports, managed the team and resolved day-to-day issues.
- Made recommendations to modify the program to enhance effectiveness toward the business result.
- Ensured that objectives were accomplished in accordance with outlined priorities.
- Provided project turn-around expertise at the customer site with emphasis on regaining customer confidence.
- Interact professionally with QA with respect to test code changes.
- Comply with code standards.
- Ensure to interact directly with clients as necessary.

Environment: PHP (Drupal6), MySQL, HTML, CSS, JavaScript and Web services.

Client: HCL Technologies, INDIA
Role: Developer

Apr'11 – Oct'11

Description: This is a clone of Facebook. Corporate Social networking provides the ideal platform for employees to communicate, information share and discuss real issues affecting the business. Senior management can also use these platforms create healthy staff communities, provide interactive company news and bring together the resources from former colleagues. The corporate social networking applications will play a significant role in allowing companies to still function as a build a relationship to form a single team and drive business development and growth.

Environments: PHP (Drupal6), MySQL, HTML, CSS, JavaScript and Web services.

Responsibilities:

- Produced project status reports, managed the team and resolved day-to-day issues.
- Made recommendations to modify the program to enhance effectiveness toward the business result.
- Ensured that objectives were accomplished in accordance with outlined priorities.
- Provided project turn-around expertise at the customer site with emphasis on regaining customer confidence.
- Interact professionally with QA with respect to test code changes.
- Comply with code standards.

PERSONAL DETAILS:

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| DOB | : 08-04-1984 |
| Sex | : Male |
| Marital Status | : Married |
| Father's Name | : Mr.S.Kumaravelu |
| Permanent Address | : No. 489, Thuduppur, Hanumanthakudi (PO) Devakottai (TK), Sivagangai (Dt) – 630 303. Tamilnadu. |
| Languages Known | : English, Tamil. |
| Passport Number | : S0539501 |

Declaration

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

Yours Truly,

(K.SHANMUGARAJA)