

Candidate Name	Suriya
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Executive Summary

Total Experience (Years)	3+	Role	Software Developer
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Summary

- **Three plus** year of IT Experience in design, development, testing and implementation of various stand - alone and client-server architecture based enterprise application software in **Python** on different domains.
- Good experience in developing web applications implementing Model View Control architecture using **Flask and Django** web application frameworks.
- Experienced in working with various Python Integrated Development Environments like **PyCharm, Atom** and **Sublime Text**.
- Strong expertise in development of web based applications using **Python, HTML, CSS, JavaScript, JSON** and **JQuery**.
- Good knowledge on front end frame works like **CSS Bootstrap**.
- Having experienced in **Agile** Methodologies, **Scrum** stories and **sprints** experience.
- Experience in **Object Oriented Analysis** in developing **server side and front-end framework** using various design patterns.
- Knowledge in working with continuous deployment using Amazon EC2.
- Experience with Code Version Control systems like GIT, Bitbucket

Technical Expertise

Technology / Classification	Software Developer
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- **Python**
 - Good knowledge on Flask and Django Frameworks
 - OOPS concepts
 - Flask ORM
- **Database**
 - MySQL
 - Mongo DB (Intermediate level)

- **Web Technologies**
 - HTML,CSS,JavaScript
 - JQuery, AJAX
- **Python Libraries**
 - Pandas
 - SQLAlchemy ORM
- **Application Servers**
 - Nginix, Gunicorn
- **Other tools**

Operating Systems: LINUX, Windows OS 7/XP and Windows Server 2008 R2/2012 R2

IDE: Pycharm, Sublime, Atom

Management Tools: JIRA , Redmine, BugZilla

SDLC Methodologies: Waterfall, Agile

Company Name: Codoid software pvt Ltd.

Work from: 24.03.2017 to 30.09.2019

Project Name	Enterprise Asset Management
Project Description: <ul style="list-style-type: none"> • It involves ofthe Management of the maintenance of physical assets of an organization throughout each asset's lifecycle. • It is used to plan, optimize, execute, and track the needed maintenance activities with the associated priorities, skills, materials, tools, and information. • It covers the design, construction, commissioning, operations, maintenance and decommissioning or replacement of plant, equipment and facilities • Application include features such as asset life-cycle management, preventive maintenance scheduling, warranty management. 	
Role / Responsibilities	Software Developer

- Tracking the requirements, gathering, analysis, detailed design, development, system testing and user acceptance testing.
- Actively involved in developing the methods for **Create, Read, Update and Delete (CRUD)** in Active Record.
- Developed entire frontend and backend modules using **Python on Flask** Web Framework.
- Involved in designing user interactive web pages as the front end part of the web

application using various web technologies like **HTML, JavaScript, Angular JS, JQuery, AJAX** and implemented **CSS** for better appearance and feel.

- Knowledge of cross-browser and cross-platform development of HTML and CSS based websites in Windows like IE 6, IE 7, IE 8 and FF.
- Used **AJAX** to modify small portions of the web pages by sending a request to the server avoiding the need of reloading the entire web page
- Interactive in providing change requests, trouble reports and requirements collection with the client.
- Managed code versioning with **GitHub, Bit Bucket** and deployment to staging and production servers.
- Implemented **MVC** architecture in developing the web application with the help of **Flask** framework.
- Used **Celery** as task queue and **RabbitMQ, Redis** as messaging broker to execute asynchronous tasks.
- Designed and managed API system deployment using fast http server and Amazon AWS architecture.
- Involved in code reviews using GitHub pull requests, reducing bugs, improving code quality, and increasing knowledge sharing
- Install and configuring monitoring scripts for **AWS EC2** instances.
- Involved in analysis and design of the application features.
- Experience in debugging and troubleshooting programming related issues.
- Worked in **MySQL database** on simple queries and writing Stored Procedures for normalization.
- Deployment of the web application using the **Linux** server.

Technologies Used:

- *Coding Language: Python (Flask Framework)*
- *Repository: GitHub*
- *Project Management: JIRA*
- *Integration tool: Jenkins*

Project Name	Key Performance Indicator
Project Description: <ul style="list-style-type: none">• It is a measurable value that demonstrates how effectively a company is achieving key business objectives.• Organizations use key performance indicators at multiple levels to evaluate their success at reaching targets.• High-level KPIs may focus on the overall performance of the enterprise, while low-level KPIs may focus on processes or employees in departments such as sales, marketing or a call center.	
Role / Responsibilities	Software Developer

- Analyzed system requirements specifications and also in client interaction during requirements specifications.
- Designed the front end of the application using **Python 2.7, HTML, CSS, AJAX, JSON and JQuery**. Worked on backend of the application, mainly using Active Records.
- Developed and tested many features for dashboard using **Python, Java, Bootstrap, CSS, JavaScript and JQuery**.
- Skilled in using collections in Python for manipulating and looping through different user defined objects.
- Work with team of developers on python applications for RISK management.
- Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
- Improved code reuse and performance by making effective use of various design patterns.
- Documented the design solutions and created stories for client requirements.

Technologies Used:

- *Coding Language: Python(Django Framework)*
- *Repository: Bitbucket*
- *Project Management: JIRA*
- *Integration tool: Jenkins*

Project Name	Emcee(Mobile Application)
Project Description: <ul style="list-style-type: none"> • The Portfolios with Purpose Student Challenge represents the intersection of philanthropy, networking, and the application of learning about economics, finance, and global markets all within a fun and engaging competition. • Emcee's mission is to spread wealth and financial progress for the next generation of investors. This is strategically aligned with PwP's mission. 	
Role / Responsibilities	Software Developer

- Created Server side functions using AWS Lambda.
- Using API Gateway, triggered Lambda Functions.
- Designed and developed data management system using Amazon S3 Bucket and Dynamo DB and Cognito.
- Used AWS Lambda functions to access database objects.
- Responsible for debugging and troubleshooting the mobile application using AWS CloudSearch.
- Handling the day to day issues and fine tuning the applications for enhanced performance.
- Experienced in Agile Methodologies and SCRUM Process.

Technologies Used:

- *Developing Tool: Amazon AWS.*
- *Bug Tracking Tool: JIRA*

Company name: Spingames PVT LTD.

Workfrom: 03.10.2019 to till date

Project Name	Developing different type of casino games
Project Description: <ul style="list-style-type: none">• We have developing spin games based on the math sheet which has been given by our mathematician.• We have to go through the math sheet and understanding the game type then develop the game as per the client requirement.•	
Role / Responsibilities	Backend Developer

- Understanding the game types then creating UML diagram, game brief description PPT and communication diagram. After completing above tasks then we have to explain the game with other developers which includes frontend developers and QA.
- We start to create API for game. MongoDB is used for store game responses.
- Flask framework is used to integrate the frontend and backend.
- Using grunt we build the DEBUG, RELEASE, SIM files.
- Using Jenkins the build file is transferred to the QA and PROD.

Education

Degree	Qualification
Bachelors	Bachelor of Engineering – Computer Science and Engineering