Curriculum Vitae

ROOPINI G

Employee ID: 46289366

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| Summary | * Overall 18+ months extensive training experience and hands-on experience in software engineering,PDF Comparison and Image Comaprison Tool,Proof Reading Tool, focusing on Python,Django webframework,Java,Linux,webdevelopment |
| Highlights | * Developed and contributed to the PDF Compare tool by using python and Front End as Tkinter (GUI)Application * Implemented both frontend and backend components of the PDF compare tool. * Implemented the backend logic for the application for those pdf comparison . * Designed a user-friendly interface tailored to the needs of authors and reviewers to enhance their interaction with the platform. * Utilized HTML, CSS, Bootstrap, JavaScript, and jQuery to develop responsive web pages. * Implemented interactive features using jQuery and JavaScript to allow users to efficiently manage document tasks, such as uploading, reviewing, and annotating PDFs. * Developed server-side application logic using Python to handle operations such as file uploads, data retrieval, and user authentication. * Developed and contributed to the implementation of a Doctor Appointment Management Software using C and Linux. * Completed the "Python for Everybody" course from the University of Michigan, gaining comprehensive knowledge of Python programming. * Applied Python programming skills to solve real-world challenges through the course. * Strong analytical thinking and logical reasoning skills for effective problem-solving. * Effective communication skills, both verbal and written, for collaborative work within a team. |

# Skills and Competencies

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| Current Role | ASSOCIATE ENGINEER - I |
| Domain Experience  Areas | Programming: C, Linux and Python |
| Skills | * C Programming: Experienced in C programming with a solid understanding of low-level concepts and practical application in software development. * Linux: Proficient in command line interface (CLI) navigation, scripting, and familiar with various Linux utilities and file system management. * Python: Familiar with Python programming language, including syntax, data structures, and practical experience in data manipulation. |
| Programming Languages/ Operating Systems / Platforms / RDBMS  Testing  Framework | * Python, C, Java,Html,css,Bootstrap,Jquery * Windows, Linux * SQL, PL/SQL,PostgreSql * ETL Testing,Automation Tesing in python * Hibernate * Spring Framework * Django Web Framework |
| Tools | * Eclipse, Notepad++, Anaconda, PyCharm, Spyder, VSCode * Command Prompt, Git * Microsoft SQL Server Integration Services (SSIS) * Talend |

# Employment History

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| Since Nov 2022 | Capgemini Engineering– Associate Engineer - I  Project: Doctor Appointment Management Software  Technology: C, Linux   * Contributed to the development of a Doctor Appointment Management Software. * Implemented functionalities for CRUD operations on doctors and patients. * Assisted in validating IDs, checking availability, and scheduling appointments. * Participated in code reviews and provided input for enhancements. * Development of any GUI |

# Additional Qualifications /Affiliations

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|  | * Completed CraSH COURSE OF PYTHON for Everybody FROM COURSERA * completed course on web development in jspiders * completed course on jdbc,j2ee,spring frame work,spring boot * completed course on sql in jspiders * completed course on core java in jspiders * completed course on RPA (Robotic Process Automation) * Completed CraSH COURSE on C Programming and linux in Coursera * Completed course certification java Full Stack development * certified in django webframework in FLM(FrontLineMEDia EduTech) |

# Education

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| 2022 | BACHELOR OF Technology, Electronics and communication engineering  Krishna University College of Engineering and Technology, Machilipatnam |
| 2019 | diploma in Electronics and communication engineering  ***Sri Venkatesa Perumal College of Engineering and Technology,* puttur** |
| 2016 | state board of andhra pradesh  Vasista Vidyalaya, Nagari |

# Project Experience

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| Project Title | PDF COMPARE |
| Description | The project is based on the pdf comparing of two pdfs differences and highlighting those difference in the pdf of extra added lines and deleted lines in those pdf by using the python as backend technology the frontend technology with Tkinter which is GUI(Graphic User Interface) |
| Industry |  |
| Project Timeline | September 2023– December 2023 |
| Team size | 7 |
| Location | India |
| Responsibilities | * Designed and developed the graphical user interface using Tkinter. * Created interactive and user-friendly elements for file selection, option toggles, and displaying comparison results. * Implemented both frontend and backend components of the PDF compare tool. * Desinged and implemented of the image processing also comparing of image * Collaborated with team members to integrate various parts of the application seamlessly * Implemented the backend logic for the application for those pdf comparison * Partially build the documentation of the project |
| Key skills/experience gained | Python,Tkinter(GUI)  Gained knowledge in problem solving ,creating solution for the Grapic User Interface,  Developed User Friendly frontend part. |
| Project Title | Proof Reading |
| Description | To develop a web application enabling clients to upload, verify, and modify PDF documents according to specific requirements. The platform facilitates collaboration between authors and reviewers. |
| Industry |  |
| Project Timeline | January 2024- till date |
| Team size | 5 |
| Location | India |
| Responsibilities | * Designed a user-friendly interface tailored to the needs of authors and reviewers to enhance their interaction with the platform. * Utilized HTML, CSS, Bootstrap, JavaScript, and jQuery to develop responsive web pages. * Implemented interactive features using jQuery and JavaScript to allow users to efficiently manage document tasks, such as uploading, reviewing, and annotating PDFs. * Developed server-side application logic using Python to handle operations such as file uploads, data retrieval, and user authentication. * Integrated and managed a backend database to store user profiles, in json. * Implemented functionality for PDF manipulation allowing users to view, modify, and save changes to documents * Worked closely with a team of developers, designers, and the project manager to ensure project milestones were met on schedule. * Effectively communicated technical and non-technical aspects of the project to team members and non-technical stakeholder. |
| Key skills/experience gained | Proficient in web development languages and frameworks (HTML, CSS, Bootstrap, JavaScript, jQuery).  Strong back-end development skills with Python.  Experience with PDF handling and manipulation.  Excellent problem-solving abilities and attention to detail. |

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# Languages

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| Speak | English,telugu,tamil |
| Read & Write | English, telugu,Hindi |
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