

Mohan Puvvula, Software engineer | United Kingdom

Background

LinkedIn:

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Email:

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+44 07909243794

Technical Skills

Tools:

Django, Flask, SQL Server, MySQL, DB2, JCL, Advanced Excel, MS PowerPoint, Git, Google Colab, Blue prism.

Languages:

Python, COBOL, and Java

Education

Masters in Computer Science at Coventry University (2023– 2024)

Bachelors in Computer Science & Engineering at VR Siddhartha Engineering College - A (2015-2019)

Address

Rugby, Warwickshire, United Kingdom

Software engineer with 3+ years of real-time experience in Insurance domain.

Looking for a full-time position as a Software engineer to build on current technical and workplace skills in a challenging role.

Professional Experience

ATOS

Python Developer- Client, Manulife Insurance Company

05 Mar 2020– 30 Dec 2022

Experience in developing Python applications using FLASK, Django frameworks and handling production support & maintenance issues.

- Developed web applications using Python Flask and Django frameworks using HTML, CSS, BOOTSTRAP, JAVASCRIPT and MySQL, SQL Server databases.
- Implemented the MVC architecture for web application development, leveraging the Django and Flask frameworks.
- Collaborated with Manulife clients and developed RPA solutions to process daily financial transactions.
- Deployed Python web app (using FLASK framework) to password protect client documents.
- Conducted root cause analysis (RCA) on production issues and fixed them within SLA.
- Created Reusable objects which are useful to reduce development efforts for co-developers.
- Experience in workflow management applications such as Jira and Git.
- Proficient in implementing machine learning applications through Google Colab, Jupiter, and VS Code tools, utilizing Python for code development. Experienced in performing data visualization using libraries such as pandas, NumPy, and matplotlib.
- Worked on the Graphical user interface design and developed web pages extensively using ReactJS.
- Directed extensive product testing initiatives to uphold software quality through rigorous testing methods, simultaneously contributing to documentation tasks such as creating user guides and technical specifications.
- Proficient in efficiently testing full stack developed applications within tight deadlines, employing comprehensive test case scenarios.

ATOS

Mainframe Developer - Client, Manulife Insurance Company

03 Feb 2020 – 04 Mar 2020

Experience in developing Mainframe COBOL, JCL, CICS, DB2 applications and handling production support & maintenance issues.

- Developed COBOL and batch applications for withdrawal processes.
- Interacted with Business users to gather the requirements for analysis purposes.
- Prepared high-level Technical, Functional, and Detail design documentation based on business requirements.
- Worked on Live movement of the project into production with Endeavor.
- Involved in several developer knowledge-sharing sessions and solved complex requirements with the team.
- Performed testing for applications which are coded to move into the production environment.

Key Projects

Password Protection

- Created a website for the customer to login and upload the pdf files to protect them with passwords.
- Generated high level encrypted pdfs with Flask- Python environments and MySQL database.
- Designed robust process which contains complex business validations within stringent timelines.

Online Withdrawals

- Enhanced the Claims Processing Dashboard to facilitate online withdrawals, including retirement and termination options.
- Integrated user-friendly online forms for submitting withdrawal requests, ensuring a streamlined experience.
- Collaborated across departments to integrate retirement and termination workflows into internal systems for real-time updates.
- Implemented secure handling of withdrawal forms with robust data validation for precise transaction processing.
- Expanded system functionality to manage withdrawal transactions securely, maintaining data integrity.
- Conducted thorough testing to guarantee a smooth and error-free user experience.
- Demonstrated versatility by adapting the dashboard for complex financial transactions, showcasing proficiency in integrating diverse functionalities.
- Experience on developing web pages using Flask, Django Python frameworks and Frontend development technologies such as ReactJS, JavaScript extensively.
- Experienced with deployment of software's in clouds such as AWS and Azure.
- Strong experience in developing, debugging, testing, and maintaining software applications using Mainframe technology and Micro Focus COBOL.
- Developed application to maintain Client data and report new plans.
- Designing new retirement saving plans for the clients such as Termination of employment and Retirement of employee.
- Analyzed and resolved High-risk production problems.
- Have excellent communication with clients on daily progress of project.

Key Skills

COMMUNICATION: During working with Clients in Atos, I set up daily standup calls with clients to understand the issues in production and provided timelines to fix them. Interacted with business analysts to perform feasibility analysis of the process.

Achievements

- Received appreciation from the Atos management team for completing the assignments.
- Won Agile award in Atos for creating value for the project in a short time.
- Received appreciation from the Manulife management team for effectively completing the Online withdrawals project.