**ABHAY THAKUR**

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**SUMMARY**

* 15+ years of experience in Ecommerce and Investment Banking domains in the Information Technology stream as a Lead Software Engineer.
* Accustomed to providing professional communication via emails, RFPs, and reporting to the Global VP and GM of Mid-Market and Small Business
* Exposure of managing a portfolio of multiple projects of varying sizes and complexities across geographies with expertise in managing various projects.
* Expertise in architecture software design, developing highly scalable, extensible, and maintainable software products and enterprise applications from the ground up.
* Migrating existing applications to take advantage of newer/better technologies and platforms.
* Leading and providing technical direction to development teams that includes mentioning junior developers.
* Interacting with business users to gather and convert requirements into design and implementation and hire suitable candidates per business need and skill sets.
* Hands-on experience in developing applications in Python, Typescript, JS, C# (basics) and Java (basics).
* Hands-on experience in developing web applications using MVC frameworks Django, Flask, Fast API, Cherry Py.
* Possess good RDBMS concepts knowledge and worked with SQL Server, MySQL, Netezza, Sybase databases.
* Experience on No-SQL databases such as MongoDB.
* Expert in Web Application and Rest API Development.
* Basic Experience in Integrate UI with Angular 9+, React JS, HTML and HTML5, JavaScript, CSS (Basics).
* Hand-on experience and knowledge on AWS S3 Storage, Docker container, cloud platforms like Treadmill, AWS Beanstalk, ECS, etc.
* Attend daily scrum calls with the development and QA team for continuous feedback and demos to ensure proper workflow.
* Gained an adequate grasp of the Investment Banking, Retail and ecommerce domain.
* Strong project management experience with Agile or other methodologies
* Proactive and result oriented with proven ability to manage multiple assignments efficiently under extreme pressure.
* Able to work independently and manage high-profile projects and experience in the complete SDLC cycle.
* Excellent written and verbal communication, with an outstanding ability to articulate complex problems (& solutions) in simple language.
* Highly motivated, process driven engineer who can learn quickly and adapt to changes rapidly.
* Experience of working in Agile based methodologies.

# PROFESSIONAL EXPERIENCE

**Sr. Software Engineer Jan2023 – Current**

Raps Consulting Inc. New Jersey, USA

**Diamond Foods**

Diamond Foods is an American packaged food company based in San Francisco, that markets nuts and other snack foods.

**Responsibilities:**

* Foster the growth of developers of all skill levels through mentorship and training programs. Participate in the recruitment process to identify strong talent and contribute to initiatives that strengthen the overall effectiveness of the organization.
* Contribute to the research, design, and development of new product features, ensuring alignment with technical specifications and business requirements.
* Engineered an ETLParser application from scratch to automate file processing workflows. Utilized libraries such as Redis, Pandas, NumPy, and Watchdog.
* Lead development teams in the execution of product and delivery projects, ensuring adherence to timelines and quality standards.
* Provide input on the product roadmap from both a feature and technical perspective, ensuring alignment with strategic goals.
* Collaborate with senior product architects and technical leaders to define and conceptualize the product architecture. Translate high-level designs into detailed technical solutions for market delivery.
* Oversee the entire software development lifecycle, including research, architecture, development, testing, release, and upgrades.
* Conduct code reviews, offer constructive feedback, and facilitate knowledge sharing within the development team.
* Develop unit test cases using the Pytest library and integrate XML reports with SonarQube via Jenkins pipelines for continuous integration and code quality assurance.
* Participate in Agile methodology practices, including daily stand-ups, backlog grooming sessions, and other ceremonies to ensure accurate tracking and updating of project status.

**Technologies:** Python, NumPy, Pandas, Snowflake, Sparks, Docker, Sybase, DB2, Treadmill, Pytest, SonarQube, Jenkins.

**Sr Software Engineer Aug 2019 – Jan2023**

Carter’s Mumbai, India

# Carter’s | Oshkosh B’gosh

Carter’s, Inc. is the largest branded marketer in North America of apparel exclusively for babies and young children. The Company owns the Carter’s and OshKosh B’gosh brands, two of the most recognized brands in the marketplace. They are also sold through more than 1,000 Company-operated stores in the United States, Canada, and Mexico etc.

# Responsibilities:

* Led a team of 12 consultants in retail operations analysis and reporting, ensuring efficient workflow and task delegation.
* Set up Airflow components from scratch using Python and Pandas for file processing within the Airflow framework, maintained GIT repositories, and configured Jenkins pipelines while designing the data flow model.
* Directed the offshore team, ensuring JIRA tasks were completed within given timelines.
* Designed and developed REST API specifications and documented the development logic for implementation using FastAPI and CherryPy REST frameworks.
* Collaborated with a team to design and develop a Single Page Application (SPA) using CherryPy modules, components, routing, services, and Web API.
* Developed unit test cases using the Pytest library and executed them on Jenkins pipelines before merging.
* Deployed, managed, and monitored applications on OpenShift using Helm charts, managing resources such as pods, services, and routes.
* Resolved bugs and production issues during transactions, providing workarounds and fixes.
* Participated in Agile methodology practices, including daily stand-ups, backlog grooming sessions, and other ceremonies to ensure accurate tracking and updating of project status.

**Technologies:** Airflow, Fast API, Pytest, CherryPy, Python, Pandas, Numpy, Jenkins, Docker, PostgreSQL, Redis, OpenShift.

**Sr. Software Engineer Dec 2018 – Aug 2019**

UBS Bank Pune, India

# UBS Bank: Wealth Management America

UBS provides financial advice and solutions to private, institutional and corporate clients worldwide, as well as private clients in Switzerland. Headquartered in Zurich, Switzerland, UBS is present in all major financial centers worldwide. As the world's largest wealth manager, UBS Global Wealth Management provides comprehensive advice, solutions and services to wealthy families and individuals around the world.

# Responsibilities:

* Setup components using Python, Redis, Pandas, NumPy, and Django framework from scratch, ensuring GIT repositories were up to date. Configured Jenkins pipelines and designed the data flow model.
* Collaborated with a team to design and develop a Single Page Application (SPA) using ReactJS, focusing on modules, components, routing, services, and Web API.
* Designed, developed, and tested REST API services using Django Rest framework.
* Implemented and enhanced the OCR module, a critical component of the project.
* Deployed, managed, and monitored applications on OpenShift, handling resources such as pods, services, and routes.
* Integrated external libraries such as Tesseract and Azure OCR libraries to meet project requirements.
* Integrated media storage on AWS S3 Storage and built and deployed Docker containers on the cloud platform XLR, built on AWS ECS.
* Resolved production issues reported by users during transactions, providing workarounds and fixes.
* Participated in Agile methodology practices, including daily stand-ups, backlog grooming sessions, and other ceremonies to ensure accurate tracking and updating of project status.

**Technologies:** Python, Pandas, Django, Unit test, ReactJS, Jenkins, Docker, PostgreSQL, OCR, tesseract, AWS S3, OpenShift.

**Software Engineer Dec 2015 – Dec 2018**

Bank of America Mumbai, India

# Bank of America: Corporate Treasury & Enterprise Capital Management

Bank of America is one of the world's largest financial institutions, serving individuals, small- and middle-market businesses, and large corporations with a full range of banking, investing, assets. It is among the world's leading wealth management companies and is a global leader in corporate and investment banking and trading.

# Responsibilities:

* Conducted code reviews, offered constructive feedback, and fostered team knowledge development.
* Implemented Python and Typescript coding using Django and Angular frameworks based on user requirements tracked in JIRA.
* Prepared technical specification documents (TSD) to guide development processes.
* Collaborated with a team to design and develop a Single Page Application (SPA) using Angular 8/CLI, focusing on modules, components, routing, services, and Web API.
* Designed and developed secure REST API services.
* Developed extensive Stored Procedures and Views within the application.
* Engineered an automation suite framework in Python CLI for QA, enabling the creation of step definitions using the Gherkin language.
* Participated in daily scrum calls with development and QA teams, providing continuous feedback and demos to ensure seamless workflow.
* Addressed and resolved production issues reported by users during transactions.
* Acted as a scrum master in Agile methodology, facilitating daily connections, backlog grooming calls, and other coordination sessions to track project updates effectively.

**Technologies:** Python, Django, Testplan framework, Angular, MQ, Kafka Sybase DB, DB2 DB, Linux

**Module Lead Nov 2009 – Nov 2015**

Persistent Systems Pune, India

# Persistent Systems: Clinical research/DLA TV

Persistent Systems are a trusted Digital Engineering and Enterprise Modernization partner. They work with many industries leading organizations across 18 countries and numerous innovators across the healthcare ecosystem.

# Responsibilities:

* Prepared migration plans by reviewing legacy Java and Shell code bases, designing Python modules, and structuring Netezza databases for downstream implementation.
* Designed and developed REST API modules in Python using Flask, aligning with business requirements.
* Refactored and wrote Stored Procedures, triggers, cursors, user-defined functions, tables, views, and SQL joins in Netezza DB to support application functionalities.
* Utilized SQL profiler and execution plans to diagnose and optimize performance issues, implementing alternative logics to enhance response time and throughput.
* Resolved production issues reported by users across legacy and new code bases.
* Developed a reconciliation tool leveraging Python libraries such as Pandas and NumPy, facilitating global developer use for validating legacy and migrated feeds.
* Led project execution through to production deployment.
* Designed, developed, and deployed Python-based applications according to downstream requirements.
* Implemented complex logic using dynamic Netezza and Sybase SQL queries within Python code to generate feed reports for downstream applications.
* Investigated missing data issues using SQL queries, proposing solutions through code modifications or providing explanations for data discrepancies.
* Conducted peer reviews for Python code and SQL queries.
* Prepared technical specification documents (TSD) to guide development processes.
* Managed vendor QA team to ensure alignment with project goals and quality standards.

**Technologies:** Java, Shell Scripting, Python, Flask, Netezza, SQL, Pandas, NumPy, Sybase SQL, Technical Specification Document (TSD).

# EDUCATION

* + B. E. (ECE) from Dr. BAMU University – 2007