

## REWA JAYANT KALE

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### EDUCATION:

**New York University Tandon School of Engineering**

Brooklyn, New York **May 2017**

Master of Science in Computer Science, GPA: 3.6/4.0

**Vishwakarma Institute of Technology**

Pune, Maharashtra, India **June 2015**

Bachelor of Technology in Electronics and Telecommunication Engineering, GPA: 3.6/4.0

Minors in Computer Science, GPA: 3.2/4.0

**Course Work:** Databases, Algorithms, Artificial Intelligence, Cloud Computing, Big Data, Business Analytics, Information Visualization

### TECHNICAL SKILLS:

**Proficient in:** Java, JavaScript, MySQL, HTML

**Familiar with:** Angular, Jenkins, Docker, C, C++, C#, Python, Android, Objective C, Spring framework

**Tools:** Eclipse, Sense, Amazon Web Services, Code Blocks, Visual Studio **Certifications:** Oracle Certified Associate Java SE 8

### EXPERIENCE:

**Hitachi Vantara**

Pune, Maharashtra, India (*Python, Django, AWS, MongoDB, Opensearch, PostGresSql*)

**Senior Python Java Developer**

**October 2024 – Present**

- Collaborated on Elastic Architecture Everflex Orchestration SAAS tool to find meaningful insights on three layers Hitachi Internal Storage SAN (With LUN) and NAS with their file systems, Network and Compute (which is Containers deployed on clusters of virtual machines) using Django Python using multi tenancy and micro services architecture
- Worked on Liferay CMS Content Management system on horizontal and vertical stepper Form generation tool which is collecting all data from ReactJS UI and sends back to backend.
- Implementing Extract Transform Load pipeline using Incorta Spark Engine which doesn't do data warehousing using PySpark for Datasource companies data. Data observability and monitoring is performed
- Aiming for accomplishing Observability Data to make it available for Readiness and handle Repercussions Alerts to get best insights from it. And then we apply scientific computing and Artificial Intelligence tools on it.
- Used Azure Cloud and Git services and BlackDuck integrated for Governance with Jira for Security Threats detection for applications.
- Enhanced Pre Production stage pipeline to use Sandboxing for deployment of application.
- Collaborated on StackStorm framework for Catalog Management.
- Implemented forward proxy secure one for accessing Automate function of the application.
- Use Monday.com to track future goals and requirements of the products.
- Orchestration workflows done by Ansible or Automator.
- CORS Cross origin resource sharing to avoid Cross-site Request Forgery (CSRF) and Cross-site scripting (XSS) attacks though Same-origin policy implemented.
- Nginx Saas for forward proxy functionality. Internet access proxy for outbound traffic security, API Gateway proxy for managing requests within Everflex services and Cloud-based security proxies (e.g., Zscaler) for compliance

**Dynasas (Dynasoft Applied Systems)** Pune, Maharashtra, India (*Java, Python, Django, AWS, MongoDB, Opensearch, PostGresSql*)

**Java Python Developer**

**April 2024 – September 2024**

- Collaborated on SQIRCLE app for implementing serverless AWS Lambda code using Python to store post images and videos on AWS S3 efficiently without delay and handle huge traffic.
- Implemented Extract Load Transfer ETL pipeline to store data of trending posts and viral profiles from Mongodb to PostGreSql so that we can perform Joins on it.
- Implemented NSFW (Not Safe for Work) using Machine Learning Libraries of AWS for images and videos.
- Used OpenSearch indexing to store data for faster search and to suggest best Hashtags to users based on their posts. That's how we suggest them their interests better through analytics.

**Synechron Technologies Private Limited**

Pune, Maharashtra, India (*Java, Python, Django, ReactJS, AWS, MongoDB*)

**Senior Associate - Technology**

**October 2022 - March 2024**

- Collaborated with Finlabs team for Innovation as a Service and implemented secure cloud hosted sandbox environment to enable experimentation and testing with new products and helped launch Ubuntu machines on sandbox and tested if system command of python works and can handle python scripts.
- Implemented Prototype creation abilities to customers in python to get insights on how business can scale and perform through data visualization tools

**Microsoft Corporation**

Redmond, Washington, USA (*ASP.net, C#, Python, JavaScript, React, MongoDB*)

**Software sEngineer**

**March 2020 – January 2022**

- Collaborated on MSN project to gain insights on what news, education and technology content can be presented to customers using Supervised learning and Unsupervised Learning algorithms
- Studied Pseudoscience and implementation of Virtual Reality Fictional Worlds for Ghosts using ASP.net. Predictions of Censorship was done through Data Science.

**Cisco Systems Inc.**  
**Software Engineer III**

Milpitas, California, USA (*Python, Java, JavaScript, ReactJS, AWS, MongoDB*)  
**March 2018 – January 2020**

- Implemented Colocation of Data Center for customers using Python and implemented hypervisor using Flask framework so that we can plug it into any Object Relational Mapping ORM and RESTful handling.
- Collaborated on Docker Containerization on NFVIS hypervisor to enable deploying applications developed by customers on it. We enhanced it to support command line application container slave to master Docker container shell also so that console applications developed especially in Python can be run efficiently and effectively.

**Argo Labs**  
**Software Engineer**

New York, New York, USA (*Python, Java, JavaScript, ReactJS, AWS, MongoDB*)  
**October 2017 – March 2018**

- Implemented Colocation of Data Center for customers using Python and implemented hypervisor using Flask framework so that we can plug it into any Object Relational Mapping ORM and RESTful handling.
- Collaborated on Docker Containerization on NFVIS hypervisor to enable deploying applications developed by customers on it. We enhanced it to support command line application container slave to master Docker container shell also so that console applications developed especially in Python can be run efficiently and effectively.