

JAYANT DABAS

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SKILLS

- Java | JavaScript | TypeScript | C | C++ | Node | Express | React | Python | Vue | Redux | NoSQL | jQuery
- Azure | Cloud Computing | CI/CD | Jest | Nightwatch | Unit Testing | Jenkins | DevOps | OOP | Unity | Git
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi, Japanese – *fluent*

EXPERIENCE

Software Developer **Rakuten** Tokyo, Japan 10/2022 – Present

- Led the design and development of multiple enterprise-level applications of Commerce Group, driving \$1.5 billion of revenue every year using the latest technologies - **Azure**, **Spring Boot**, and **Kubernetes**.
- Designed and implemented scalable APIs and automation scripts for managing servers' performance and release pipelines using **Java**, **PHP**, **Azure Functions**, and **Jenkins** that serve millions of requests daily.
- Led the development of several products E2C, from identifying system requirements and dependencies to workload balancing, software implementation, testing, and configuring metrics and monitoring.
- Continuous Integration/Deployment Pipeline integration, pull requests, code reviews, load/stress testing.

Founder and Technology Advisor **MiraiDensei** India, Hong Kong 08/2020 – 06/2022

- Led a team of motivated and qualified people with various skills to develop AnalyticsQ, an enterprise-level automation tool that uses real-time analysis and interactive pipelines to save time and resources by 60%.
- Developed the platform using technologies like **React**, **Node**, **Express**, **MongoDB**, **Python**, and more.
- It received seed funding of HK \$100,000 from Hong Kong Science and Technology Park in 2021.

DevOps Engineer, Intern **Bank of East Asia** Hong Kong 09/2020 – 05/2021

- Automated application pipelines for **IBM UCD** to allow 25% quicker and more efficient releases.
- Modeled privacy frameworks to implement cloud security and designed microservices to manage **Docker** containers to improve server performance by 30%.

IoT and Mobile App Developer, Intern **City University of HK** Hong Kong 04/2019 – 04/2020

- Designed and developed the official CityU mobile app as part of the central IT team in **Flutter**. It is one of the top-rated University apps in Hong Kong, with over 100,000 downloads each term.
- Implemented APIs with **MuleSoft**, tested with **Postman**, and used **JIRA** for Agile development.

Data Analyst, Intern **City University of HK** Hong Kong 04/2019 – 06/2019

- Led the development of a **Python** program to analyze 50 years' worth of world data on political and social events provided by the GDELT project using parallel processing to optimize time.

EDUCATION

Bachelor of Science **City University of HK** Hong Kong 09/2018 – 06/2022

- Major in Computer Science. Streams – Data Science and Artificial Intelligence
- GPA: 3.43 (4 is best). Received 50% scholarship based on academic performance.

PROJECTS

- **ADE-ZSL**: Wrote a research paper on a zero-shot learning method used in unfamiliar object classification in autonomous vehicles, NLP, or detection of unforeseen diseases in medical imaging such as X-rays (06/2022).
- **Global Events Tone Visualizer**: Analyzed COVID-19 news articles of the past 2 years and identified its propagation and impact worldwide by building a visualizer using **Apache Spark**, **Python**, and **JavaScript** to analyze the big data from the GDELT dataset provided by Google (11/2021).

OTHERS

- Core member of Apple iOS club, enabling the community with iOS ecosystem and technologies
- Received 1st place in the 4x400m relay race in CityU Annual Athletic Meet (10/2019)