

# JAYANT DABAS

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## PROFESSIONAL EXPERIENCE

  @dabasjayant

### Rakuten Group Inc., Tokyo, Japan

Oct 2022 – Present

#### Software Developer – E-Commerce

- Migrated over 5+ Ichiba's back-end services to Java Spring Boot • Handled product security and improved API performance by 20%, reducing latency and enabling a better experience for our users • Rakuten Ichiba generates US\$ 22.3 billion per year

### MiraiDensei Limited, India (Startup)

Aug 2020 – Jun 2022

#### Founder and Technology Advisor

- Project shortlisted for a funding of HK\$100,000 by Hong Kong Science and Technology Park in an entrepreneurship program
- Developed AnalyticsQ, an enterprise level automation tool that uses real-time analysis to save time and resources by 60%

### Bank of East Asia, Hong Kong

Sept 2020 – May 2021

#### DevOps Engineer (Backend) Intern

- Automated application pipelines to allow 25% quicker and efficient release to production
- Modeled privacy frameworks to implement cloud security and wrote server scripts to optimize backups and storage by 40%

### City University of Hong Kong, Hong Kong

Apr 2019 – Apr 2020

#### IoT and Mobile Application Developer Intern

- Released the CityU mobile app in flutter following the SCRUM framework
- Implemented APIs with MuleSoft, tested with Postman, and used JIRA for Agile development

#### Data Analyst Intern

Apr 2019 – Jun 2019

- Developed 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

## TECHNICAL PROJECTS

### Attribute-Directed Extended Cross-Domain Mapping for Zero-Shot Learning

Sept 2021 – June 2022

- Research project that focuses on the domain of **unsupervised image classification** or zero-shot learning approach (ZSL)
- The motivation is the increasing applications of ZSL in many real-world scenarios, like unfamiliar object classification in autonomous vehicles, NLP, or detection of unforeseen diseases through medical imaging such as X-rays

### Global Events Tone Visualizer

Nov 2021

- Analyze COVID-19 news articles of the past 2 years and identify its propagation and impact worldwide
- Built a visualizer using **Apache Spark**, **Python** and **JavaScript** to analyze the big data from GDELT dataset provided by Google

### EcoFunder

Jul 2019

- Created an **investment app** that enables investors to minimize the risk by 80% by investing in **milestones** of a project
- The software uses blockchain based **smart contracts** to verify each investment and keep track of the project lifecycle

## EDUCATION

### City University of Hong Kong, Hong Kong – B.Sc. in Computer Science

Sept 2018 – June 2022

#### Streams: Data Science and Artificial Intelligence

- GPA : 3.43 (4 is best). Received 50% scholarship based on academic performance

### Bal Bharti School, India - High School

Apr 2004 – May 2017

- Grade 12 (Percentage) : 92.6/100, Grade 10 (GPA) : 10.0/10.0

## SKILLS

**Languages :** C++, Python, Java, Kotlin, Swift, JavaScript, Go, Scala, SQL, Dart

**Technologies :** AWS, REST, DevOps, React.js, Flutter, Git, Apache Spark, MySQL, PostgreSQL, Linux, Docker, JFrog, IBM UrbanCodeDeploy, Jenkins

## LANGUAGES

English, Hindi (Bilingual), Japanese (Fluent), Mandarin (Beg.)

## EXTRA CURRICULARS

- Core member of Apple iOS club, enabling the community with iOS ecosystem and technologies
- Received 1<sup>st</sup> place in the 4x400m relay race in CityU Annual Athletic Meet, 2019 | Oct 2019
- One of the top 5 teams in FinHack, 2019
- Vice-captain of soccer team