

# Vijay Kumar Prakash

vijaykumar.sb.22@gmail.com • +1 (510) 365-3885 • [LinkedIn](#)

School of Information, University of California (Berkeley, CA)

Jun 2026

*Masters of Science in Information Management and Systems*: Product Management, Data Science, and AI

Christ University (Bangalore, KA, India)

2017-2020

*Bachelor of Computer Applications*: Math & Stats, Data Structures and Algorithms, ADBMS, Design and Analysis of Algorithms, Operating Systems, Software Engineering

- CGPA 3.96/4.0, Top Performer (first rank)

Shanti Bhavan Residential School: Valedictorian, Class of 2017, ISC (12<sup>th</sup> grade) 93.0% and ICSE (10<sup>th</sup> grade) 90.5%

## Work & Leadership Experience

### **D. E. Shaw India, IT Front Office**

Hyderabad, TG

*Lead Tech Associate, (Senior Member, Tech Ops)*

Jan 2024 – Jul 2024

- Collaborated with data sourcing personnel, data analysts, portfolio managers, program managers, and Compliance to lead the alternative data ingestion pipelines. Improved turnaround time by 70%
- Mentored and onboarded junior members
- Migrated documentation (700+ pages) from legacy system to Confluence; assisted in automating the process
- Wrote extensive technical documentation and reorganized entire wiki to enhance readability

*Senior Tech Associate*

Jan 2022 - Dec 2023

- Contributed to the organization's growth through active involvement in talent acquisition processes: conducted over a dozen interviews and participated in candidate evaluation, selection, and feedback
- Independently drove higher-order initiatives to improve Operational efficiency
- Redesigned the Tech Associate work profile and reorganized the team structure; played an instrumental role in shaping the work culture for a team of eight

*Tech Associate*

Jun 2020 - Dec 2021

- Hired in new dev-ops role for a \$60B hedge fund renowned for quantitative trading, where I coordinated with the trading desk, analysts, developers, and IT engineers to automate manual workflows and mentored colleagues in database management, technology migrations (including deprecations and upgrades), and fixing technical debt
- Contributed to core business operation by being the first point of contact for the maintenance of the firm's primary trading engine and other portfolio management tools
- Liaised with cross-functional operations and tech teams to address queries from the trading floor; handled code-releases

### **Citizen Matters**

Bangalore, KA

*Data Technician Intern*

April-May 2018

- Reviewed, summarized, and interpreted open datasets, creating visualizations with tools like Google Fusion Tables, Timeline JS and StoryMap JS. Handled Bangalore city and election-related data collection, research, coding, and published articles for the then-ongoing Legislative Assembly elections

### **Harvard Business School Crossroads Emerging Leaders Program**

Dubai, UAE

- One of 71 fellows selected from a pool for 1700+ applicants to attend a fully-funded career development and leadership program to learn from Harvard professors, who taught an intensive, multidisciplinary case-study-based curriculum

### **Shanti Bhavan Children's Project School Ambassador**

Italy (2014), USA (2016)

- Tufaan Public Speaker 2016: Addressed an audience of over 1000 at Northwestern University, Chicago, IL, on the impact of education on my life as a first-generation high-school student
- Participated in international fundraising campaigns in Italy and USA; delivered speeches and engaged with donors

## Other Achievements

- Elected Deanery level Student Council Representative at Christ, serving the Dept. of Computer Science's 360 students
- Co-organizer of social and fundraising events in a collegiate NGO group called INDEST
- Tutored grades 10 and 12 in Computer Science, Mathematics, and Physics, and prepared them for their national exams, all of whom passed with First Class and Distinction

## Skills and Interests

- Software Skills: Python, Java, C, C++, HTML, CSS, JavaScript, SQL, Visual Studio using C#, AWS, PostgreSQL, Figma
- Interests: Photography, football (soccer), reading, teaching, drumming, volunteering
- Languages: English • Hindi • Tamil • Kannada • Italian (Elementary) • German (Elementary)