

# DANNY BASAVARAJU

+1 (628) 310-5660 | [danny.basavaraju@gmail.com](mailto:danny.basavaraju@gmail.com) | San Francisco, CA, USA | [linkedin.com/in/dannybasavaraju](https://www.linkedin.com/in/dannybasavaraju)

## EDUCATION

**Indian Institute of Management Calcutta**

*MBA, Management Engineering*

**August 2018 - May 2020**

*GPA: 3.7*

**Indian Institute of Technology Delhi (IITD)**

*Bachelor's, Computer Science*

**August 2012 - May 2016**

*GPA: 3.5*

## CERTIFICATIONS

**Certifications:** MIT OpenCourseWare – Distributed Systems & Cloud Computing, Coursera: Advanced Data Structures (Stanford), Google Cloud Professional Cloud Architect Certification

**Competitions:** LeetCode (Top 5% globally), Topcoder Algorithm Challenges, Kaggle – Machine Learning & Software Engineering Competitions, Hackathons – Winner/Finalist

**Coursework:** Advanced Algorithms & Data Structures, Distributed Systems & Microservices Architecture, Cloud Computing & Kubernetes, Machine Learning & AI Engineering, Scalable Backend Development, High-Performance Computing & Parallel Processing, Software Design Patterns & System Architecture, DevOps & CI/CD Pipelines, Database Query Optimization

## SKILLS

Skills: WebRTC, FastAPI, Scala, Confluence, Reinforcement Learning, Node.js, Blockchain, RDBMS, Webflow, CloudFormation, Amplitude, Heroku, frontend, LangChain, attention to detail, Flask, NoSQL, Apache Hive, SQL, specs, JavaScript, Data Analysis, Kubernetes, Natural Language Processing (NLP), MATLAB, deep learning, REST APIs, TypeScript, Hibernate, NumPy,

Postgres, Apache Spark, Vim, CD, project management, Machine Learning, caching, CI, Nest.js, Azure, code review, Computer Vision, operating systems, CUDA, product management, Asana, Next.js, Solidity, Atlassian, Pytorch, PowerPoint/Keynote/Slides, Quantitative Analysis, Cassandra, containerization, full-stack, Power BI, Operating Systems, Tableau, technical support, Computer Networking, Neural Networks, Financial Modeling, Airflow, data modeling, Management, ES6, Redis, Hotjar, Apache Kafka, data science, mobile web, Route 53, Zeplin, multi-threaded, Tensorflow, C#, UI/UX Design, Wordpress, Scikit-learn, R, database, Python, Flutter, Selenium, Discrete Math, data engineer, Django, Linux, Docker, Mixpanel, Unity, SDLC, Product Management, Cryptography, React.js, Product Design, user interface, GraphQL, Figma, LLM, React Native, JIRA, Hadoop, cloud technologies, ETL, Snowflake, AWS, Excel, GCP, Financial analysis, C/C++, communication skills, AngularJS, Excel/Numbers/Sheets, MongoDB, Postman, e-commerce, BigQuery, product specs, DevOps, Scalability, Technical Leadership, Spring Boot, Microservices, Backend Engineer, Java, CI/CD, Bilingual, Team Leader

## PROFESSIONAL EXPERIENCE

### SYBILL

**Mountain View, CA, USA**

*Staff Java Backend Engineer (Team Leader)*

*January 2024 - Present*

- Architected production-grade backend systems, enhancing user engagement by 30% and boosting app flow efficiency by 15%
- Designed secure, performant Java backend (Spring Boot) for scalable mobile apps with seamless Android/iOS integration
- Engineered complex backend features in microservices architecture, enhancing automation by 40% and reducing manual tasks by 25%

### QUANTGRO WEALTH MANAGEMENT

**Bangalore, KA, India**

*Staff Java Backend Engineer (Team Leader)*

*January 2023 - December*

*2024*

- Developed financial data models, integrating Java and microservices to boost decision accuracy by 35% and efficiency by 40%
- Constructed a data processing pipeline on cloud platforms, cutting latency by 50% and enhancing financial operations execution
- Led a cross-functional team of developers, streamlining Agile processes to accelerate Java feature releases by 30%
- Implemented robust backend systems for fund management, enhancing strategy execution and optimizing system reliability
- Automated engineering workflows with custom scripts, boosting team productivity by 50% and cutting manual processes by 45%

### CHILL PANDA TECH

**San Francisco, CA, USA**

*Staff Java Backend Engineer (Team Leader)*

*January 2021 - December*

*2023*

- Engineered Java-based SaaS architecture with microservices, ensuring 99.9% uptime and offering prototype delivery in 3 months
- Built a real-time transaction processing system in Java, enabling \$1M+ transactions and onboarding 10 new clients

- Integrated OpenAI GPT-driven interactions into backend, improving user retention by 25% and cutting support queries by 40%

- Developed dynamic pricing models using Java, increasing client revenue by 30% via customized order flows and data insights
- Created a modular microservices infrastructure, expediting feature releases by 50% and fostering rapid product iteration
- Led full-stack development using Java backend for an omnichannel platform, enhancing user engagement across devices

## **Osmo**

*Staff Java Backend Engineer (Team Leader)*  
2021

**Palo Alto, CA, USA**  
*January 2020 - December*

- Steered Java-driven product strategy for \$40M business, optimizing marketing efforts and achieving 50% revenue growth
- Developed an AI-powered sales strategy with Java, enhancing sales by leveraging predictive analytics for maximum ROI
- Managed Java-centric product lifecycle for Amazon SKUs, optimizing pricing strategies and generating \$75M in revenue
- Built AI analytics in Java for resilient supply chain management, reducing delays and contributing \$10M in revenue
- Collaborated on executive-level Java strategies, presenting project insights and outcomes to the CEO and leadership board

## **RIVIGO**

*Staff Java Backend Engineer (Team Leader)*  
2018

**Bangalore, KA, India**  
*January 2016 - December*

- Developed logistics software with Java for pan-India operations, supporting innovative models across 100+ cities
- Sole Java developer for Pickups module, managing 300,000+ operations across cities to enhance logistics efficiency
- Led an engineering team to develop Java-based client dashboards, providing real-time insights and messaging capabilities

## **ENTREPRENEURIAL VENTURES**

---

### **PAISADB - PROP TRADING FIRM**

*Founder (Started as side project)*

**Bangalore, KA, India**  
*January 2023 - December 2024*

- Developed an algorithmic trader managing a portfolio of \$50k, 52 companies; enabling complete hands-off arbitrage trading
- Achieved back tested CAGR of up to 20% over 10 years by implementing momentum, mean-reversion, pairs trading strategy
- Developed a 3-layer neural network to identify actionable patterns between analyst recommendations & market performance

### **MULTIPLE EARLY-STAGE STARTUPS**

*Advisor and Consultant (Part-time)*

**Bangalore, KA, India**  
*October 2021 - Present*

- Developed a Pitch Deck from scratch, planned to pitch to Angel investors, VCs for fundraising for a Developer SaaS startup
- Participated in India's first Web3 accelerator – Founder-ship, engaging with multiple Web3 founders, angel investors & VCs
- Assisted an EdTech startup with 25k downloads and \$20K ARR in business strategy, fundraising support and go-to-market
- Supported a deep-tech startup at the seed stage, revolutionizing video sales & marketing by mass personalization automation

### **ARICEUM (COURSERA FOR HIGH-SCHOOLERS)**

*Chief Product & Technology Officer*

**San Francisco, CA, USA**  
*January 2022 – May 2022*

- Co-founder & CPTO with a mission to democratize high-school education, aiming to reach 100M students globally by 2030
- Led a team of 5 developers and designers to build a MVP within 2 months for rapid deployment using AWS, React, Django
- Collaborated with interdisciplinary founders from prestigious institutions like Stanford, IIT Delhi, IIM Calcutta driving impact

## **ACADEMIC PROJECTS**

---

### **BUSINESS VALUATION**

*Fundamental analysis for Business Valuation*

**Kolkata, WB, India**  
*January 2019 - June 2019*

- Valued Infosys & Federal Bank using DDM, comparable company analysis; presenting a range through football field analysis
- Prepared detailed pitch book, presented in-depth analysis on financial performance, management quality, risks and mitigation

### **INVESTMENT AND PORTFOLIO MANAGEMENT**

*Portfolio management and optimization*

**Kolkata, WB, India**  
*January 2020 – June 2020*

- Analyzed Nifty 50 to construct, manage & maximize returns on a virtual portfolio applying different investment philosophies
- Achieved returns of 14.28% in 1-year period with Sharpe ratio of 2.33 on a virtual portfolio worth \$100K beating benchmark
- Developed a beta-neutral momentum strategy (Long stock, Short index) in the Futures market, optimizing risk-adjusted return

## **ACADEMIC DISTINCTIONS**

---

- Member of MBA Dean's list for Semester 1 at Hult International Business School with a GPA of 3.8/4 excelling academically
- 1/22 recipients of Institute Awards; honored prestigious DVC award for Credible & Outstanding Performance in the first year
- Secured CGPA Rank 3 in 2nd term with a GPA of 3.9/4 and held CGPA Rank 14 until the 2nd term with overall CGPA 3.6/4
- Achieved All India Rank 30 in IIT-JEE, placing in the top 0.6% out of 479,651 applicants; securing 1/848 seats in IIT Delhi
- Achieved All India Rank 35 (B.Arch) and Rank 68 (B.Tech) in AIEEE, placing in the top 0.11% out of 1,137,256 applicants

- Achieved State Rank 8 in highly competitive & prestigious Mathematics Olympiad by Association of Mathematics Teachers
- School Topper; consistently ranking 1<sup>st</sup> and 2<sup>nd</sup> across 10 consecutive years at Atomic Energy Central School (CBSE), India