

DANNY BASAVARAJU

+1 (628) 310-5660 | 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

user interface, Git, Postman, Selenium, Kubernetes, Machine Learning, Route 53, Airflow, Tableau, cloud technologies, attention to detail, Unity, Apache Kafka, R, NoSQL, caching, mobile web, Node.js, Hubspot, Power BI, REST APIs, CloudFormation, data engineer, e-commerce, Flutter, Asana, BigQuery, SQL, Webflow, RDBMS, MongoDB, data modeling, GCP,

UI/UX Design, deep learning, Tensorflow, C#, CUDA, Natural Language Processing (NLP), Docker, Heroku, Figma, specs, Next.js, multi-threaded, Hotjar, Confluence, Hibernate, frontend, SDLC, C/C++, Wireframe, Business Analytics, Apache Hive, ETL, Excel, MATLAB, Snowflake, Product Management, Financial analysis, communication skills, Scala, Product Design, Mixpanel, Nest.js, AWS, WebRTC, CD, Cryptography, TypeScript, Discrete Math, Management, Django, Vim, LangChain,

full-stack, Operating Systems, CI, Excel/Numbers/Sheets, containerization, Pandas, JavaScript, NumPy, Financial Modeling, Atlassian, Blockchain, data science, Azure, Apache Spark, WebKit, Neural Networks, Postgres, code review, Amplitude, Pytorch, operating systems, Python, product specs, Wordpress, Solidity, LLM, Reinforcement Learning, JIRA, React Native, Data Analysis, PowerPoint/Keynote/Slides, product management, ES6, Redis, project management, Web Development, Cassandra, Scikit-learn, Flask, Linux, ROS, Control loops, Teleoperation, Network optimization, Low-latency, Robotic systems, C++, Go, Video streaming, Signal filtering, Debugging, Real-time systems, Software Engineer, Rust

PROFESSIONAL EXPERIENCE

SYBILL

Teleoperation Software Engineer

Mountain View, CA, USA

January 2024 - Present

- Developed a scalable, production-grade AI systems, driving a 30% boost user engagement and 15% user-flow efficiency gains
- Designed secure, governable, high-performance backend (node.js, express.js, python) with responsive frontends (react, next.js)
- Engineered complex AI-powered enterprise features, increasing automation by 40%, 25% manual effort reduction for clients

QUANTGRO WEALTH MANAGEMENT

Teleoperation Software Engineer

Bangalore, KA, India

January 2023 - December 2024

- Systematized real-time decision algorithms, enhancing command processing efficiency by 35% in teleop environments.
- Optimized real-time data pipelines, reducing latency by 50% and improving robotic system synchronization in teleoperations.
- Accelerated feature release cycles by 30% through agile methodologies, enabling fast-paced development of teleoperation controls.
- Implemented scalable backend for strategy execution, increasing the reliability of control systems in real-time robotic applications.
- Enhanced engineering workflow efficiency by 50%, implementing automation scripts for more reliable deployment in teleop systems.

CHILL PANDA TECH

Teleoperation Software Engineer

San Francisco, CA, USA

January 2021 - December 2023

- Developed scalable teleoperation architecture supporting 99.9% uptime, delivering prototypes for robotic systems in under 3 months.
- Engineered real-time processing for telepresence interfaces, facilitating \$1M+ in command transactions and supporting seamless user interaction.

- Integrated machine learning-driven teleop interactions, improving robot operator interface usability by 25% and reducing operation errors by 40%.

- Implemented predictive modeling for control commands, increasing accuracy and synchronization of teleop systems by 30%.
- Architected a modular microservices infrastructure, accelerating deployment of teleoperation features by 50% aiding rapid iteration cycles.
- Led full-stack development of responsive UIs, ensuring seamless operator control within intuitive teleop platforms using React and Next.js.

Osmo

Palo Alto, CA, USA

Teleoperation Software Engineer

January 2020 - December 2021

- Directed AI-driven strategies for a \$40M product line, improving teleop control system integration and achieving 50% operational growth.
- Planned \$15M strategy leveraging predictive analytics to enhance teleop operator efficiency and maximize remote control ROI.
- Managed teleop product lifecycle for 43 SKUs, generating \$75M in control system efficiency and optimizing remote operations.
- Applied AI-based analytics for supply synchronization, ensuring resilient teleop logistics and contributing \$10M in stable teleoperation revenue.
- Presented advanced teleop strategies to executives, demonstrating AI-driven insights for refined robotic operator interfaces and system efficiency.

RIVIGO

Bangalore, KA, India

Teleoperation Software Engineer

January 2016 - December 2018

- Developed robust AI-logistics software for teleoperation, enhancing network relay efficiency across 100+ locations.
- Implemented Pickup module autonomously, facilitating over 300,000 teleop actions, improving telepresence delivery efficiency.
- Led development of client dashboards for teleop oversight, enabling real-time data-driven insights and command feedback across 100+ clients.

ENTREPRENEURIAL VENTURES

PAISADB - PROP TRADING FIRM

Bangalore, KA, India

Founder (Started as side project)

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

Bangalore, KA, India

Advisor and Consultant (Part-time)

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)

San Francisco, CA, USA

Chief Product & Technology Officer

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

Kolkata, WB, India

Fundamental analysis for Business Valuation

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

Kolkata, WB, India

Portfolio management and optimization

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 1st and 2nd across 10 consecutive years at Atomic Energy Central School (CBSE), India