

DANNY BASAVARAJU

+1 (628) 310-5660 | danny.basavaraju@gmail.com | San Francisco, CA, USA | [LinkedIn](#) | [GitHub](#)

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

Python, Wireframe, CUDA, CI, Computer Vision, CD, Hibernate, Asana, MATLAB, Route 53, Management, Next.js, Pytorch, Postman, LangChain, Flutter, multi-threaded, Data Structures & Algorithms, Confluence, Quantitative Analysis, Figma, mobile web, Apache Spark, code review, product specs, cloud technologies, SDLC, GCP, Node.js, Postgres, Reinforcement Learning, Git, GraphQL, React.js, specs, Financial analysis, data engineer, Selenium, caching, data modeling, Mixpanel, Heroku, Webflow, data science, Apache Kafka, Hotjar, product management, Discrete Math, Financial Modeling, Vim, Data Analysis, WebRTC, Kubernetes, Business Analytics, Atlassian, JavaScript, Azure, Hadoop, FastAPI, Operating Systems, Cryptography, NumPy, REST APIs, SQL, Excel/Numbers/Sheets, Tensorflow, BigQuery, Solidity, communication skills, technical support, Excel, e-commerce, NoSQL, R, project management, deep learning, Scikit-learn, Machine Learning, C/C++, PowerPoint/Keynote/Slides, JIRA, Web Development, Product Design, Cassandra, database, user interface, LLM, Redis, containerization, full-stack, Pandas, MongoDB, Scala, React Native, Wordpress, Unity, Computer Networking, RDBMS, Linux, frontend, Power BI, Django, operating systems, Docker, TypeScript, UI/UX Design, Natural Language Processing (NLP), attention to detail, Nest.js, Redux.js, Airflow, Product Management, Zeplin, Flask, Apache Hive, mobile payment technologies, customer engagement, mobile performance optimization, Commerce transformation, Objective-C, technical leadership, architecting mobile applications, Sr. Staff Engineer, mobile development, iOS Software Engineer, global payment processing, agile environment, Swift, cross-border transactions

PROFESSIONAL EXPERIENCE

SYBILL

Senior Staff Software Engineer

Mountain View, CA, USA

January 2024 - January 2025

- Architected robust iOS systems, enhancing mobile transaction experiences, boosting user engagement by 30%, efficiency by 15%
- Implemented secure, high-performance mobile backend in Swift and Objective-C with user-friendly iOS interfaces for commerce
- Designed iOS-driven automation features, increasing mobile process automation tasks by 40%, cutting manual client operations by 25%

QUANTGRO WEALTH MANAGEMENT

Senior Staff Software Engineer

Bangalore, KA, India

January 2023 - January 2024

- Architected mobile-first AI financial models, improving payment processing decision speed by 35%, enhancing transaction workflows
- Developed real-time iOS data processing systems, reducing latency by 50%, enhancing mobile payment transaction execution
- Spearheaded iOS team, optimizing mobile engineering processes, accelerating rollout of new payment features by 35%
- Deployed scalable mobile backend systems for finance apps, optimizing iOS transaction performance, boosting reliability
- Enhanced mobile engineering with automation scripts, improving iOS developer productivity by 50%, reducing manual efforts by 45%

CHILL PANDA TECH

Senior Staff Software Engineer

San Francisco, CA, USA

January 2022 - January 2023

- Deployed scalable iOS architecture, ensuring 99.9% uptime for mobile payment prototypes, enabling quick development cycles
- Engineered real-time payment processing for iOS apps, driving \$1M+ transactions, successfully onboarding enterprise clients

- Integrated GPT-driven iOS interfaces for personalized payment interactions, boosting mobile user retention by 25%, reducing support by 40%

- Developed dynamic iOS pricing models, tailored mobile commerce solutions to increase revenue by 30% with personalized features
- Built iOS microservice-based architecture, accelerating transaction feature releases by 50%, enabling rapid iteration cycles
- Led iOS app development with Swift, React Native for seamless mobile payment experiences across customer touchpoints

BYJUS

Palo Alto, CA, USA

Senior Staff Software Engineer

January 2020 - January 2022

- Led iOS product strategy for mobile-driven sales, maximizing \$40M revenue on payment platforms, achieving 50% growth
- Designed a \$15M iOS-focused sales strategy, leveraging analytics for mobile transactions, enhancing seasonal sales ROI
- Managed iOS lifecycle for 43 mobile products, optimizing revenue streams on platforms, enhancing pricing and operation strategies
- Integrated iOS AI analytics, ensuring efficient mobile payment logistics, reducing delays, contributing \$10M international revenue
- Collaborated on mobile payment strategy insights with execs, using data-driven iOS insights to inform CEO, Board decisions

RIVIGO

Bangalore, KA, India

Senior Staff Software Engineer

January 2016 - January 2018

- Developed iOS logistics systems for nationwide payment networks, innovative models supporting transactions in 100+ cities
- Authored iOS-enabled pickups module, facilitating 300,000+ logistics transactions across 100+ cities, enhancing delivery efficiency
- Led iOS engineering team, building client apps for mobile transactions, enabling real-time payment processing and analytics

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