DANNY BASAVARAJU

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# EDUCATION

## Indian Institute of Management Calcutta August 2018 - May 2020

*MBA, Management Engineering GPA: 3.7*

## Indian Institute of Technology Delhi (IITD) August 2012 - May 2016

*Bachelor's, Computer Science 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: CUDA, CI, Nest.js, React.js, Reinforcement Learning, Hubspot, LangChain, RDBMS, Python, Vim, caching, GraphQL, Hotjar,

PowerPoint/Keynote/Slides, technical support, Postman, Webflow, Redux.js, Excel, REST APIs, Product Design, Next.js,

Computer Networking, Snowflake, Wireframe, Machine Learning, Natural Language Processing (NLP), JIRA, Discrete Math,

full-stack, containerization, product specs, Airflow, Wordpress, SDLC, Selenium, user interface, Apache Spark,

Quantitative Analysis, Amplitude, Pandas, Solidity, NumPy, UI/UX Design, cloud technologies, specs, MATLAB, Financial

analysis, Computer Vision, data science, Product Management, mobile web, operating systems, Confluence, data modeling,

Git, C/C++, Neural Networks, Excel/Numbers/Sheets, Heroku, Postgres, multi-threaded, React Native, WebRTC, ES6, product

management, Apache Hive, Data Structures & Algorithms, Apache Kafka, Blockchain, Linux, CD, Scala, Route 53, AngularJS,

MongoDB, Asana, Tensorflow, C#, Hadoop, Django, WebKit, Management, attention to detail, JavaScript, TypeScript, Figma,

Pytorch, LLM, Atlassian, data engineer, Cassandra, Web Development, Power BI, Financial Modeling, ETL, e-commerce,

Docker, Kubernetes, Azure, BigQuery, Tableau, Mixpanel, Hibernate, Zeplin, code review, database, communication skills,

Unity, CloudFormation, deep learning, FastAPI, GCP, AWS, NoSQL, Scikit-learn, R, Flutter, problem-solving,

cybersecurity, startup, gRPC, software development, CI/CD, microservices, Data pipelines, cloud-based architecture, AI-

powered solutions, Golang

# PROFESSIONAL EXPERIENCE

## SYBILL Mountain View, CA, USA

*Senior Golang Developer January 2024 - Present*

* Developed scalable AI systems using Golang microservices, boosting user engagement by 30% and improving user-flow efficiency by 15%
* Designed secure backend systems in Golang, replacing Node.js and Python, resulting in high-performance, scalable architecture with improved latency
* Engineered Golang-based features, elevating automation efficiency by 40% and reducing manual operations by 25% within AI systems

## QUANTGRO WEALTH MANAGEMENT Bangalore, KA, India

*Senior Golang Developer January 2023 - December 2024*

* Developed Golang-driven models for financial decision-making, enhancing transactional insights by 35% and operational efficiency by 40%
* Constructed real-time data pipelines with Golang, lowering latency by 50% for enhanced financial execution capabilities
* Led multi-member team of engineers in agile Golang projects, reducing feature release times by 30% through efficient management
* Deployed comprehensive Golang backend for strategy execution, optimizing system performance and reliability in fund management
* Created tools and automation scripts in Golang, improving DevOps productivity by 50% and minimizing manual tasks by 45%

## CHILL PANDA TECH San Francisco, CA, USA

*Senior Golang Developer January 2021 - December 2023*

* Implemented scalable SaaS architecture using Golang, achieving 99.9% uptime while supporting multi-tenant capabilities
* Built real-time processing pipelines in Golang, facilitating $1M+ in transactions and successful onboarding of 10 enterprise clients
* Integrated AI-driven Golang solutions for personalized user interaction, enhancing retention by 25% and decreasing support queries by 40%
* Developed dynamic pricing models in Golang, boosting client revenue by 30% through optimized order flows and displays
* Implemented Golang microservices infrastructure, expediting product iteration and feature rollouts by 50%
* Directed full-stack development with React and Next.js alongside Golang backend, delivering seamless customer experiences

## Osmo Palo Alto, CA, USA

*Senior Golang Developer January 2020 - December 2021*

* Drove AI-driven marketing strategies using Golang algorithms for a $40M business, achieving 50% growth through advanced insights
* Architected a $15M AI sales strategy in Golang, utilizing predictive analytics to enhance seasonal sales and maximize ROI
* Managed 43 SKUs with Golang-driven lifecycle tools, contributing to $75M revenue by optimizing pricing, inventory, and operations
* Integrated Golang-based supply chain analytics, ensuring logistics resilience amid COVID-19, generating $10M in global revenue
* Partnered with leaders to deliver Golang-based AI strategies, providing CEO with actionable insights and strategic recommendations

## RIVIGO Bangalore, KA, India

*Senior Golang Developer January 2016 - December 2018*

* Created Golang logistics software for a nationwide network, supporting innovative relay models across 100+ cities
* Developed Golang module for city-wide logistics, enabling 300,000 pickups, enhancing delivery efficiencies significantly
* Led development of client dashboards with Golang, supporting real-time insights and messaging for over 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