

DANNY BASAVARAJU

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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

PowerPoint/Keynote/Slides, GraphQL, Heroku, AngularJS, Cryptography, Excel/Numbers/Sheets, Mixpanel, Product Design, Airflow, Tableau, multi-threaded, Natural Language Processing (NLP), WebRTC, R, specs, AWS, FastAPI, JIRA, Excel, Kubernetes, mobile web, Management, MATLAB, Vim, Quantitative Analysis, communication skills, Next.js, Selenium, Node.js, ES6, Scikit-learn, SDLC, Pytorch, BigQuery, containerization, data science, code review, CD, Power BI, Computer Vision, Flask, Scala, Operating Systems, JavaScript, Webflow, CloudFormation, Web Development, Financial analysis, Pandas, Snowflake, product management, Apache Kafka, Route 53, technical support, Apache Hive, Figma, LLM, Data Analysis, MongoDB, Python, Cassandra, Business Analytics, Linux, REST APIs, CUDA, NumPy, database, Wireframe, product specs, Flutter, RDBMS, data modeling, C#, Hadoop, frontend, Azure, Tensorflow, React Native, Unity, Hotjar, React.js, caching, full-stack, Blockchain, Hubspot, UI/UX Design, Zeplin, LangChain, cloud technologies, Atlassian, deep learning, Amplitude, GCP, Machine Learning, Reinforcement Learning, Wordpress, Product Management, C/C++, Nest.js, Neural Networks, Discrete Math, Hibernate, CI, Solidity, Confluence, WebKit, SQL, Django, operating systems, Computer Networking, Redis, Redux.js, Asana, ETL, data engineer, computer-use technologies, AI, browser interfaces, product direction, machine learning, model fine-tuning, agent stack, mentoring, simulation frameworks, research contributions, LLMs, autonomous agents, experiments, team building

PROFESSIONAL EXPERIENCE

SYBILL

Senior Staff AI Engineer

Mountain View, CA, USA

January 2024 - January 2025

- Architected AI-driven agents using LLMs, boosting user engagement by 30% and enhancing interaction fluidity by 15% in complex environments.
- Built robust, secure backends (node.js, express.js, python) to support frontend interaction frameworks (react, next.js) for web-native agents.
- Implemented advanced AI functionalities, automating processes by 40%, reducing manual client interactions by 25% using RL techniques.

QUANTGRO WEALTH MANAGEMENT

Senior Staff AI Engineer

Bangalore, KA, India

January 2023 - January 2024

- Developed LLM-driven financial analysis models to improve predictive decision-making by 35% and strategy efficiency by 40%.
- Engineered a real-time data processing architecture, reducing latency by 50% for more responsive AI-driven financial models.
- Led a five-developer team to quickly deploy AI features, accelerating model evolution and deployment cycles by 30% using agile methods.
- Designed end-to-end scalable frameworks for financial systems, ensuring optimal performance and reliability in dynamic environments.
- Enhanced AI model development productivity by 50% through automation and tooling, minimizing manual oversight in processing pipelines.

CHILL PANDA TECH

Senior Staff AI Engineer

San Francisco, CA, USA

January 2022 - January 2023

- Implemented scalable multi-agent SaaS architectures, ensuring 99.9% uptime during high load, accelerating prototype delivery in a

3-month window.

- Engineered real-time transaction processing pipelines, managing over \$1M+ transactions, integrating agents for enterprise onboarding.
- Integrated GPT-based interactions for agents, leading to a 25% rise in user retention, reducing manual queries by 40% via automated decision-making.

- Designed dynamic AI pricing models for personalized recommendations, augmenting client revenue by 30% via user-specific order flows.
- Leveraged microservices for agent deployments, boosting feature delivery speed by 50% and facilitating faster AI model iterations.
- Developed omnichannel agent interaction platforms with React, Nextjs, delivering comprehensive user-agent interaction capabilities.

BYJUS

Senior Staff AI Engineer

Palo Alto, CA, USA

January 2020 - January 2022

- Strategized AI-empowered sales systems for a \$40M e-commerce platform, enhancing revenue by 50% using intelligent application flows.
- Crafted an AI-driven promotion model worth \$15M, leveraging predictive analytics for maximized seasonal sales and ROI optimization.
- Managed the lifecycle of multi-platform AI tools across 43 SKUs, driving \$75M in sales through optimized supply chain predictions.
- Implemented AI supply chain solutions ensuring pandemic-resilient logistics, reducing delays, adding \$10M global revenue via efficient systems.
- Consulted C-suite on AI product strategies, presenting insights on application potentials and improvements that influenced key decisions.

RIVIGO

Senior Staff AI Engineer

Bangalore, KA, India

January 2016 - January 2018

- Developed AI-driven logistics platforms for large-scale networks, enhancing agent-based routing efficiency across 100+ urban areas.
- Spearheaded development of a module facilitating 300,000+ logistic interactions, optimizing automated workflows to increase efficiency.
- Led development team to create real-time insights dashboards, offering real-time user-agent interaction metrics for 100+ clients.

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