

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

Skills: Management, Product Design, Selenium, Apache Hive, deep learning, Kubernetes, Pandas, Cassandra, Next.js, AWS, Django, GCP, specs, data science, Neural Networks, user interface, Asana, Reinforcement Learning, CI, Data Analysis, Amplitude, Power BI, Wireframe, Flask, operating systems, ETL, Snowflake, product specs, Business Analytics, Azure, mobile web, CD, Figma, Mixpanel, CloudFormation, FastAPI, Redis, Excel, attention to detail, CUDA, R, data modeling, Git, e-commerce, REST APIs, JavaScript, Cryptography, Webflow, Machine Learning, Web Development, Blockchain, Data Structures & Algorithms, Atlassian, Vim, Hadoop, Pytorch, data engineer, NoSQL, PowerPoint/Keynote/Slides, Python, containerization, Hibernate, Linux, Heroku, NumPy, LLM, Redux.js, frontend, SDLC, Financial Modeling, Natural Language Processing (NLP), Quantitative Analysis, Scikit-learn, Airflow, Apache Kafka, Solidity, Discrete Math, Hubspot, Docker, Node.js, Product Management, Flutter, full-stack, WebKit, Nest.js, C#, technical support, Zeplin, Computer Networking, project management, RDBMS, ES6, Unity, Tableau, communication skills, React Native, caching, database, TypeScript, GraphQL, SQL, product management, Postgres, cloud technologies, Wordpress, LangChain, Operating Systems, JIRA, Confluence, Postman, MongoDB, MATLAB, BigQuery, Hotjar, Computer Vision, policy models, ML background, startup environment, training models, experiment design, simulation frameworks, architecture, agent stack, Senior AI Engineer, LLM-driven agents, PhD in AI, real browser interfaces, RL environments, fine-tuning

PROFESSIONAL EXPERIENCE

SYBILL

Mountain View, CA, USA

Senior AI Engineer

January 2024 - Present

- Developed scalable AI systems for LLM-driven agents, boosting user engagement by 30% and improving task efficiency by 15%
- Architected secure, performant backend (Node.js, Express.js, Python) with responsive frontend interfaces (React, Next.js)
- Designed AI-driven features for enterprise, enhancing agent automation by 40% and reducing client manual work by 25%

QUANTGRO WEALTH MANAGEMENT

Bangalore, KA, India

Senior AI Engineer

January 2023 - December 2024

- Engineered AI/ML trading models for strategy optimization, enhancing decision accuracy by 35% and operational efficiency by 40%
- Created real-time data pipelines, reducing latency by 50% and improving financial AI execution response times significantly
- Directed a team of 5 engineers in Agile cycles, accelerating browser-agent feature releases by 30%
- Deployed comprehensive backend systems for fund management, optimizing strategic execution reliability and performance
- Developed internal tools and scripts for automation, boosting engineering efficiency by 50% and manual effort reduction by 45%

CHILL PANDA TECH

San Francisco, CA, USA

Senior AI Engineer

January 2021 - December 2023

- Implemented scalable SaaS architecture supporting multi-tenant environments, achieving 99.9% uptime and fast prototyping
- Engineered real-time processing handling over \$1M transactions, onboarding 10 enterprise clients with advanced AI features
- Integrated OpenAI GPT interactions, enhancing user retention by 25% and cutting down support queries by 40%

- Crafted AI-driven dynamic pricing models, elevating client revenue by 30% via personalized engagement strategies
- Built microservices-based infrastructure, expediting new feature deployment by 50% and enabling rapid AI-agent iterations
- Executed full-stack development (React, Next.js) delivering immersive web interaction platforms for multi-agent systems

Osmo

Palo Alto, CA, USA

Senior AI Engineer

January 2020 - December 2021

- Directed AI-based sales tactics for Amazon business, realizing 50% revenue growth through intelligent marketing
- Devised a \$15M AI strategy using predictive analytics to boost seasonal sales returns and maximize marketing ROI
- Managed product lifecycles for 43 SKUs, driving \$75M in Amazon sales by optimizing pricing and inventory with AI
- Integrated AI logistics analytics to enhance supply chain resilience during COVID, adding \$10M revenue globally
- Collaborated with executive teams to deliver AI strategy insights to CEO and Board, driving data-led innovation

RIVIGO

Bangalore, KA, India

Senior AI Engineer

January 2016 - December 2018

- Created AI-logistics software supporting 100+ cities, enabling innovative hub operations with AI-driven routing
- Developed Pickups module solo, facilitating 300,000+ pickups, enhancing logistic efficiency across 100+ urban areas
- Led a trio of engineers to create dashboards for 100+ clients, improving real-time tracking and insights dissemination

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