

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

CD, Wireframe, Cassandra, technical support, Asana, Figma, JIRA, SDLC, Apache Spark, user interface, Blockchain, multi-threaded, WebKit, React Native, Data Structures & Algorithms, Tensorflow, Next.js, Hotjar, cloud technologies, UI/UX Design, attention to detail, Pandas, data engineer, Scikit-learn, FastAPI, operating systems, Quantitative Analysis, data modeling, Product Management, Docker, NumPy, TypeScript, Excel, e-commerce, JavaScript, Hibernate, Apache Kafka, code review, data science, Data Analysis, Route 53, CI, ETL, Vim, Power BI, Atlassian, Confluence, Redis, Kubernetes, Redux.js, Hadoop, Heroku, Snowflake, WebRTC, Wordpress, LLM, Linux, Product Design, Computer Vision, Financial analysis, deep learning, React.js, GCP, caching, R, Nest.js, BigQuery, Computer Networking, Solidity, SQL, Mixpanel, specs, AngularJS, Webflow, Hubspot, Operating Systems, mobile web, LangChain, Cryptography, communication skills, RDBMS, MongoDB, Business Analytics, Apache Hive, Neural Networks, Postman, Management, Excel/Numbers/Sheets, Amplitude, REST APIs, AWS, Azure, Git, full-stack, Unity, database, Airflow, project management, Scala, product specs, ES6, C/C++, Selenium, PowerPoint/Keynote/Slides, Discrete Math, frontend, Python, Reinforcement Learning, Natural Language Processing (NLP), Financial Modeling, Postgres, containerization, NoSQL, Flutter, CUDA, User Interfaces, Senior Fullstack Engineer, Unit and regression tests, Agile approach, Insurance products, Frontend Architecture, UI layer, Technical solutions, San Francisco, Iterative & Collaborative, System integrations, Code Quality, Production-grade applications, React

PROFESSIONAL EXPERIENCE

SYBILL

Fullstack Senior Engineer

Mountain View, CA, USA

January 2024 - January 2025

- Enhanced frontend architecture, boosting engagement by 30% and improving user interaction flow by 15% using React.
- Crafted secure, high-performance systems with Node.js and React, aligning backend architecture with product needs.
- Implemented complex automation solutions, achieving a 25% reduction in manual tasks by refining feature integrations.

QUANTGRO WEALTH MANAGEMENT

Fullstack Senior Engineer

Bangalore, KA, India

January 2023 - January 2024

- Developed fullstack solutions enhanced by AI, boosting decision efficiency by 35% and streamlining operations by 40%.
- Built a low-latency data processing system, halving response times for advanced AI features in real-time finance apps.
- Facilitated agile development, accelerating feature delivery by 30% through cross-functional team leadership in tech projects.
- Constructed scalable backend protocols, elevating execution reliability, thus driving superior financial data management.
- Boosted engineering throughput by 50% using automation, reducing developer workload and enhancing productivity.

CHILL PANDA TECH

Fullstack Senior Engineer

San Francisco, CA, USA

January 2022 - January 2023

- Architected multi-tenant SaaS platforms, achieving 99.9% uptime and deploying scalable prototypes within 3 months.
- Devised real-time transaction support for \$1M+, effectively scaling frontend for heightened client onboarding efficiency.
- Integrated AI features enhancing UX, resulting in a 25% increase in retention and 40% drop in support demands.

- Formulated dynamic pricing engines, boosting client revenue by 30% with personalized displays and seamless order flows.
- Pioneered modular microservices, reducing new feature time-to-market by 50%, enabling agile product development.
- Led full-stack development using React, Nextjs, delivering a seamless omnichannel customer engagement platform experience

BYJUS

Fullstack Senior Engineer

Palo Alto, CA, USA

January 2020 - January 2022

- Directed AI-enhanced market strategies, achieving a 50% increase in \$40M business revenue through optimized designs.
- Formulated \$15M predictive analytics strategies, elevating seasonal sales efficiency and maximizing ROI using AI insights.
- Oversaw product lifecycle for over 40 SKUs on Amazon, driving \$75M in revenue through pricing and operational tactics.
- Implemented resilient AI-driven supply chain solutions, boosting \$10M global revenue with minimized disruption impacts.
- Led strategic AI initiatives, enriching board presentations and executive discussions with substantive data insights.

RIVIGO

Fullstack Senior Engineer

Bangalore, KA, India

January 2016 - January 2018

- Developed sophisticated logistics software powering a Pan-India network, innovating driver models in 100+ urban areas.
- Engineered the pivotal Pickups module, processing 300,000+ logistics tasks, enhancing nationwide delivery efficiencies.
- Directed a team constructing client dashboards, facilitating real-time data insights and improving product transparency.

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