

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

Webflow, Power BI, GCP, Nest.js, JavaScript, Web Development, Hibernate, R, Quantitative Analysis, Financial Modeling, Apache Spark, deep learning, UI/UX Design, Node.js, Natural Language Processing (NLP), user interface, Apache Hive, Amplitude, RDBMS, Reinforcement Learning, Management, Python, Machine Learning, Blockchain, Django, Git, Pandas, Excel, Asana, full-stack, Solidity, specs, Docker, Snowflake, Kubernetes, Excel/Numbers/Sheets, Mixpanel, Linux, Discrete Math, LangChain, LLM, e-commerce, Redis, NoSQL, PowerPoint/Keynote/Slides, database, Atlassian, Product Management, Hotjar, Cassandra, Wordpress, Flask, NumPy, React Native, Azure, Flutter, GraphQL, Tableau, Business Analytics, Heroku, C/C++, MATLAB, multi-threaded, ES6, BigQuery, JIRA, React.js, REST APIs, TypeScript, MongoDB, product management, Data Structures & Algorithms, Scikit-learn, Figma, SDLC, attention to detail, CD, Neural Networks, Route 53, data science, Postman, product specs, Computer Networking, Hubspot, Wireframe, ETL, Vim, AngularJS, data engineer, Selenium, CI, containerization, CloudFormation, Computer Vision, Cryptography, cloud technologies, frontend, technical support, FastAPI, Confluence, operating systems, Pytorch, CUDA, project management, Scala, Hadoop, Data Analysis, AWS, WebRTC, Zeplin, Operating Systems, Postgres, caching, Airflow, Redux.js, Data Layer, AEP Data Collection, CCPA, Google Analytics, Digital Tagging, Tealium, Analytics Implementation, Front-end Development, Tag Management, STEM, Google Tag Manager, Adobe Analytics, Agile Methodologies, GDPR

PROFESSIONAL EXPERIENCE

SYBILL

Senior Application Developer

Mountain View, CA, USA

January 2024 - January 2025

- Implemented scalable AI tagging solutions, increasing data capture by 30% and enhancing digital analytics accuracy by 15%
- Designed secure, compliance-driven backend frameworks (node.js, express.js, python) for responsive web analytics interfaces
- Developed AI-powered tagging features, automating data collection by 40%, thereby reducing manual tracking tasks by 25%

QUANTGRO WEALTH MANAGEMENT

Senior Application Developer

Bangalore, KA, India

January 2023 - January 2024

- Implemented AI-driven analytics strategies boosting digital data tracking precision by 35% and operational accuracy by 40%
- Engineered a robust real-time data pipeline to enhance digital event tracking efficacy, reducing latency by 50%
- Led a cross-functional team to integrate agile analytics deployment practices, enhancing tag management efficiency by 35%
- Deployed scalable backend analytics systems for financial data tracking, improving compliance and reliability of insights
- Built automation scripts improving front-end tag deployment productivity by 50%, effectively minimizing manual efforts by 45%

CHILL PANDA TECH

Senior Application Developer

San Francisco, CA, USA

January 2022 - January 2023

- Deployed scalable SaaS analytics framework, ensuring 99.9% uptime for digital tagging across platforms within 3 months
- Engineered real-time transaction logging pipeline, handling \$1M+ in transactions, facilitating efficient digital data capture
- Integrated AI for personalized analytics experiences, increasing user retention by 25% and reducing data tracking queries by 40%

- Developed dynamic event tagging models, driving a 30% increase in data precision through optimized analytics displays
- Built microservices framework enhancing tag feature deployment by 50%, allowing rapid analytics solutions to be implemented
- Led full-stack development for seamless data capture interfaces using React, NextJs, optimizing digital user tracking

BYJUS

Palo Alto, CA, USA

Senior Application Developer

January 2020 - January 2022

- Led AI-enhanced data strategy for digital platforms, achieving 50% increase in analytics-driven revenue growth
- Designed AI-powered analytics plans leveraging data models to support sales enhancements and ROI optimization
- Managed product lifecycle analytics, driving \$75M in revenue by optimizing digital data and operational efficiencies
- Integrated AI for supply chain analytics, enhancing data tracking reliability and supporting \$10M in global revenue
- Presented advanced analytics data insights to executive teams, influencing strategic decisions with AI-driven data

RIVIGO

Bangalore, KA, India

Senior Application Developer

January 2016 - January 2018

- Developed AI-driven logistics analytics for 100+ city network, optimizing data tagging for innovative relay models
- Sole developer for Pickups data tracking module, now enabling 300,000+ pickups, enhancing logistics data efficiency
- Led team to build analytics-enabled dashboards for 100+ clients, providing real-time insight into digital data metrics

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