

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

PROFESSIONAL EXPERIENCE

SYBILL

Full Stack Developer, AI

Mountain View, CA, USA

January 2024 - Present

- Engineered production-ready AI systems, enhancing user interaction by 30% and boosting transaction efficiency by 15%
- Architected robust, secure backend using Node.js and Python, paired with responsive React and Next.js frontends
- Enhanced AI-driven enterprise functionalities, automating 40% of workflows and decreasing manual efforts by 25%

QUANTGRO WEALTH MANAGEMENT

Full Stack Developer, AI

Bangalore, KA, India

January 2023 - December 2024

- Developed high-impact AI financial models, enhancing decision-making processes by 35% and boosting efficiency by 40%
- Created an efficient real-time data processing pipeline, halving latency and improving AI-driven financial task execution
- Directed a 5-member engineering team, utilizing agile methodologies to expedite feature rollout by 30%
- Deployed comprehensive backend infrastructure for fund management, optimizing performance and ensuring system reliability
- Crafted automation tools and scripts, increasing engineering output by 50% and cutting manual interventions by 45%

CHILL PANDA TECH

Full Stack Developer, AI

San Francisco, CA, USA

January 2021 - December 2023

- Launched a scalable SaaS framework, maintaining 99.9% uptime and delivering prototypes within three-month timelines
- Engineered a real-time transaction pipeline, managing over \$1M in transactions and integrating 10 enterprise clients
- Implemented OpenAI-powered personalization, enhancing user retention by 25% and reducing support issues by 40%

- Designed AI-based dynamic pricing strategies, boosting client revenue by 30% via tailored displays and order sequences
- Constructed microservices architecture, speeding up feature deployment by 50% and facilitating swift product iterations
- Spearheaded full-stack development with React and Next.js, delivering an integrated customer engagement platform

Osmo

Full Stack Developer, AI

Palo Alto, CA, USA

January 2020 - December 2021

- Executed AI-driven marketing strategies, achieving 50% revenue growth for a \$40M Amazon business
- Crafted a \$15M AI marketing framework leveraging predictive insights to boost seasonal sales and ROI metrics
- Guided the full product lifecycle for 43 SKUs, generating \$75M in revenue by optimizing pricing and operations
- Integrated AI for supply chain analytics, enhancing logistic resilience and contributing \$10M to global revenue
- Collaborated with leadership to present AI strategy insights, informing executive-level decisions for growth

RIVIGO

Full Stack Developer, AI

Bangalore, KA, India

January 2016 - December 2018

- Developed an AI-driven logistics solution for a nationwide hub network, supporting 100+ cities efficiently
- Pioneered the Pickups module, achieving over 300,000 pickups in 100+ locations to enhance delivery processes
- Led an engineering team to develop client dashboards, providing real-time messaging and analytics for 100+ users

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