

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

FastAPI, Quantitative Analysis, Computer Networking, Excel, UI/UX Design, CUDA, MATLAB, MongoDB, deep learning, Product Management, Django, Confluence, technical support, data science, communication skills, user interface, Cassandra, code review, Redis, Blockchain, product management, Scala, Web Development, Next.js, Excel/Numbers/Sheets, specs, ES6, Webflow, full-stack, C#, C/C++, Tensorflow, Route 53, frontend, CD, Reinforcement Learning, Asana, Flask, Cryptography, caching, Hubspot, Kubernetes, GraphQL, WebKit, Scikit-learn, Pandas, SQL, database, operating systems, cloud technologies, AWS, Apache Spark, SDLC, Solidity, Postman, Linux, attention to detail, REST APIs, Nest.js, Mixpanel, Vim, AngularJS, Postgres, Wireframe, multi-threaded, Financial analysis, Heroku, Management, Machine Learning, NumPy, Product Design, JIRA, Figma, Financial Modeling, CloudFormation, JavaScript, Computer Vision, RDBMS, LLM, Redux.js, Apache Hive, Zeplin, React.js, Discrete Math, TypeScript, NoSQL, React Native, Selenium, Pytorch, Python, mobile web, Docker, data modeling, project management, Node.js, Azure, Flutter, e-commerce, Data Analysis, Power BI, BigQuery, Unity, product specs, Hotjar, R, Tableau, Amplitude, LangChain, Natural Language Processing (NLP), Hibernate, PowerPoint/Keynote/Slides, Data Structures & Algorithms, Operating Systems, Atlassian, ETL, Ecommerce, Continuous Improvement, Technical Leadership, Platform Innovation, Cross-functional Collaboration, Scalability, Emerging Technologies, Client-facing, Software Engineer, Architecture, System Design, Data Strategy, Mentorship, Ruby on Rails

PROFESSIONAL EXPERIENCE

SYBILL

Senior Lead Software Engineer

Mountain View, CA, USA

January 2024 - Present

- Enhanced AI systems for SaaS platform, resulting in a 30% boost in user engagement and 15% increase in user-flow efficiency
- Architected high-performance backend using Node.js and Express.js; integrated with responsive React-based frontends for agility
- Increased system automation by 40% through advanced AI feature engineering, reducing client manual efforts by 25%

QUANTGRO WEALTH MANAGEMENT

Senior Lead Software Engineer

Bangalore, KA, India

January 2023 - December 2024

- Advanced AI/ML financial models for strategic investment, enhancing decision accuracy by 35% and efficiency by 40%
- Optimized real-time data flow, cutting latency 50%, improving execution precision in AI-driven finance solutions
- Accelerated agile feature releases by 30% by leading interdisciplinary teams of 5 developers through iterative development
- Designed fund management backend systems, optimizing architecture for high-performance and reliability
- Boosted engineering productivity by 50% through automation scripts, significantly reducing manual intervention by 45%

CHILL PANDA TECH

Senior Lead Software Engineer

San Francisco, CA, USA

January 2021 - December 2023

- Implemented multi-tenant scalable SaaS architecture with 99.9% uptime, delivering a prototype within 3-month timeframe
- Built real-time processing pipelines, managing \$1M+ in transactions and integrating 10 enterprise clients successfully
- Increased user retention by 25% using GPT-based personalizations, reducing support queries by 40% seamlessly

- Developed AI models for dynamic pricing, boosting client revenue by 30% via tailored order flows and display strategies
- Accelerated feature release speed by 50% through microservices architecture enabling rapid product innovation
- Delivered React/Next.js full-stack solutions, creating a unified omnichannel engagement experience for customers

Osmo

Senior Lead Software Engineer

Palo Alto, CA, USA

January 2020 - December 2021

- Led Product strategy, AI-driven sales & marketing optimization for a \$40M Amazon business, achieving 50% revenue growth
- Designed a \$15M AI-powered sales & marketing plan leveraging predictive analytics enhancing seasonal sales maximize ROI
- Managed end-to-end product lifecycle for 43 SKUs, driving \$75M in Amazon revenue, optimize pricing, inventory, operations
- Integrated AI-based supply chain analytics, ensuring COVID-resilient logistics, reduce delays, contribute \$10M global revenue
- Partnered with executive leadership and cross-functional teams, presented data-driven AI strategy insights to the CEO, Board

RIVIGO

Senior Lead Software Engineer

Bangalore, KA, India

January 2016 - December 2018

- Engineered AI solutions for logistics optimization, facilitating strategic driver relay techniques across 100+ cities
- Solely developed a pivotal Pickups module, scaling up to 300,000+ pickups while optimizing logistical efficiency
- Supervised 3-engineer team creating dashboards for 100+ clients, supporting real-time tracking, messaging, and insights

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