

DANNY BASAVARAJU

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EDUCATION

Indian Institute of Management Calcutta August 2018 - May 2020

MBA, Management Engineering GPA: 3.7

Indian Institute of Technology Delhi (IITD) August 2012 - May 2016

Bachelor's, Computer Science 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, Database Optimization & Query Performance, DevOps & CI/CD

Pipelines

SKILLS

Skills: Linux, Confluence, Git, Zeplin, mobile web, Solidity, Vim, Financial Modeling, MATLAB, frontend, Selenium, Azure, Pandas, WebRTC, Data Analysis, UI/UX Design, Webpack, TypeScript, Postman, data engineer, Blockchain, FastAPI, JavaScript, Web Development, Machine Learning, ES6, Tableau, e-commerce, AWS, DevOps, Redux.js, Docker, Wordpress, attention to detail, GraphQL, ETL, CUDA, full stack, Redis, Unity, Figma, Next.js, Mixpanel, Excel, Computer Networking, Scikit-learn, Hotjar, Asana, project management, Apache Spark, Quantitative Analysis, Hubspot, Pytorch, SQL, NoSQL, PowerPoint/Keynote/Slides, Heroku, Product Design, REST APIs, product specs, Reinforcement Learning, Kubernetes, caching, Flask, Data Structures & Algorithms, Airflow, cloud technologies, Hibernate, Tensorflow, Product Management, Snowflake, Neural Networks, SDLC, Vue.js, user interface, Excel/Numbers/Sheets, Cassandra, communication skills, Data Science, React.js, BigQuery, Wireframe, full-stack, Discrete Math, Node.js, GCP, LangChain, Nest.js, Atlassian, Business Analytics, code review, React Native, technical support, Amplitude, AngularJS, C/C++, data modeling, WebKit, RDBMS, R, Apache Kafka, MongoDB, Operating Systems, Management, JIRA, operating systems, C#, Power BI, Route

53, Financial analysis, deep learning, Apache Hive, LLM, NumPy, Cryptography, database, Hadoop, containerization, CI, Django, Flutter, data science, Natural Language Processing (NLP), Webflow, specs, multi-threaded, CD, Postgres, Scala, Computer Vision, CloudFormation, RabbitMQ, React, Web Applications, Fullstack Software Engineer, Remote, Mentoring, Software Architecture

PROFESSIONAL EXPERIENCE

SYBILL Mountain View, CA, USA

Senior Software Engineer (Founding Engineer) January 2024 - Present

- Developed a scalable, production-grade AI systems, driving a 30% boost user engagement and 15% user-flow efficiency gains
- Designed secure, governable, high-performance backend (node.js, express.js, python) with responsive frontends (react, next.js)
- Engineered complex AI-powered enterprise features, increasing automation by 40%, reducing manual effort for clients by 25%

QUANTGRO WEALTH MANAGEMENT Bangalore, KA, India

Senior Software Engineer (Founding Engineer) January 2023 - December 2024

- Engineered AI/ML-driven financial trading models, improving decision-making by 35% and operational efficiency by 40%
- Developed real-time data processing pipeline, reduces latency by 50% significantly enhancing AI-powered financial execution
- Led cross-functional engineering team of 5 developers, driving agile development cycles accelerating feature releases by 30%

- Deployed end-to-end scalable backend systems for fund management - strategy execution, optimizing performance, reliability
- Built internal tooling, automation scripts enhancing engineering productivity by 50%, reducing manual intervention by 45%

CHILL PANDA TECH San Francisco, CA, USA

Senior Software Engineer (Founding Engineer) January 2021 - December 2023

- Deployed scalable SaaS architecture, enabling multi-tenant support and ensuring 99.9% uptime, deliver prototype in 3 months
- Engineered real-time order processing pipeline, supporting \$1M+ in transactions, onboarded 10 enterprise clients successfully
- Developed AI-powered dynamic pricing models, increasing client revenue by 30% through personalized displays, order flows
- Built a modular microservices-based infrastructure, accelerating feature releases by 50% and enabling rapid product iteration
- Led full-stack development using React, Nextjs, delivering a seamless omnichannel customer engagement platform experience

Osmo Palo Alto, CA, USA

Product Manager (AI & Strategy) 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 to enhance 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 Bangalore, KA, India

Senior Software Engineer January 2016 - December 2018

- Developed AI-logistics software for a Pan-India hub network, supporting innovative driver relay model span across 100+ cities
- Sole developer of Pickups module, now facilitating 300,000+ pickups across 100+ cities, improving logistics deliver efficiency
- Led a 3-member engineering team to build client dashboards for 100+ clients, enabling real-time messaging, tracking, insights

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