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, DevOps & CI/CD Pipelines, Database Query Optimization

SKILLS

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

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%, 25% manual effort reduction for clients

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
- Integrated OpenAI GPT-based personalized interactions, boosting user retention by 25%, reducing support queries by 40%

- 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 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   **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 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