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

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

PROFESSIONAL EXPERIENCE

SYBILL   **Mountain View, CA, USA**
Full Stack Java React Developer   *January 2024 - January 2025*
- Enhanced Java-based financial application, boosting user engagement by 30% and improving processing efficiency by 15%.
- Architected secure backend using Java Spring and responsive React frontends, aligning with financial services requirements.
- Developed AI-integrated features with Java/React stack, increasing automation by 40% and reducing manual client operations by 25%.

QUANTGRO WEALTH MANAGEMENT   **Bangalore, KA, India**
Full Stack Java React Developer   *January 2023 - January 2024*
- Crafted Java/React financial models, enhancing real-time decision processing, exceeding industry execution standards by 35%.
- Built real-time Java microservice pipelines, reducing data processing latency by 50% and amplifying AI-driven operations.
- Directed cross-functional teams using Agile methodologies to expedite Java/React development cycles, enhancing release speed by 30%.
- Implemented robust Java Spring backends, optimizing fund management systems, ensuring high-performance and reliability.
- Developed tools and automation scripts, boosting Java developer productivity by 50% and reducing manual intervention by 45%.

CHILL PANDA TECH   **San Francisco, CA, USA**
Full Stack Java React Developer   *January 2022 - January 2023*
- Launched scalable Java/React SaaS architecture with multi-tenancy, ensuring 99.9% uptime and delivering a prototype in 3 months.
- Built Java/React based data processing pipeline, supporting transactions over $1M, successfully onboarding enterprise clients.
- Integrated AI with Java backend, enhancing user retention by 25% through personalized interactions, reducing support by 40%.

- Designed AI-driven pricing models using Java, increasing client revenue by 30% with personalized displays and order optimization.
- Created modular microservices in Java/React, expediting feature releases by 50% and supporting swift product iterations.
- Delivered React-based customer engagement platforms, ensuring seamless omnichannel financial services alignment.

BYJUS **Palo Alto, CA, USA**
Full Stack Java React Developer *January 2020 - January 2022*
- Implemented AI-driven sales strategy, resulting in 50% revenue growth for a $40M business, leveraging Java technologies.
- Strategized a $15M AI-powered sales plan with predictive analytics, maximizing ROI in seasonal sales with React interfaces.
- Streamlined lifecycle management for 43 SKUs with Java-based analytics, driving $75M in revenue, optimizing financial operations.
- Deployed AI-driven supply chain solutions using Java, ensuring logistic resilience during COVID, adding $10M in global revenue.
- Collaborated with leaders, providing AI-based insights using Java technologies to CEO, shaping strategic company directions.

RIVIGO **Bangalore, KA, India**
Full Stack Java React Developer *January 2016 - January 2018*
- Developed Java-based logistics software, enhancing relay models across 100+ cities with advanced React integrations.
- Created Java module facilitating 300,000+ pickups, impacting logistics efficiency across a nationwide network.
- Led team in developing Java/React dashboards for over 100 clients, facilitating real-time messaging and financial 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