

# 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

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

## PROFESSIONAL EXPERIENCE

### SYBILL

*Full Stack Java React Developer*

**Mountain View, CA, USA**

*January 2024 - January 2025*

- Developed scalable Java microservices with React UI, enhancing user engagement by 30% and boosting throughput efficiency.
- Designed high-performance Java backend APIs with responsive React frontends, ensuring data security and governance.
- Engineered AI-driven features in React/Java stack, improving CRM automation by 40% and cutting client manual effort by 25%.

### QUANTGRO WEALTH MANAGEMENT

*Full Stack Java React Developer*

**Bangalore, KA, India**

*January 2023 - January 2024*

- Developed Java-based AI trading algorithms, increasing decision accuracy by 35% and raising operational efficiency by 40%.
- Optimized Java data processing pipelines to reduce latency by 50%, enhancing the response of financial applications.
- Led a team in Agile practices, accelerating Java/React feature releases by 30%, improving product time-to-market.
- 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

*Full Stack Java React Developer*

**San Francisco, CA, USA**

*January 2022 - January 2023*

- Deployed React-based SaaS architecture, ensuring 99.9% uptime and delivering functional prototypes within 3 months.
- Engineered Spring Boot Java microservices to manage real-time data, supporting \$1M+ transactions and onboarding clients.
- Integrating AI in React applications, boosted user engagement by 25% and reduced support inquiries by 40% through insights.

- 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

## BYJUS

**Palo Alto, CA, USA**

*Full Stack Java React Developer*

*January 2020 - January 2022*

- Implemented Java-based AI sales tools, driving a 50% increase in revenue for a \$40M business by optimizing growth strategies.
- Leveraged predictive analytics with Java to design an AI sales plan, maximizing ROI by aligning with seasonal trends.
- 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**

*Full Stack Java React Developer*

*January 2016 - January 2018*

- Developed Java-based logistics platforms for scalable routing across 100+ cities, enhancing operational coverage.
- Architected scalable Java modules for logistics, supporting over 300,000 deliveries and improving network efficiencies.
- Led dashboard development in Java/React, providing real-time operational data and insights for over 100 clients.

## ENTREPRENEURIAL VENTURES

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### 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

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### 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

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- 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 1<sup>st</sup> and 2<sup>nd</sup> across 10 consecutive years at Atomic Energy Central School (CBSE), India