

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

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

PROFESSIONAL EXPERIENCE

SYBILL

Full Stack Java React Developer

Mountain View, CA, USA

January 2024 - January 2025

- Engineered responsive React-based UI, enhancing user interaction by 30% and integrating seamlessly with Java microservices.
- Architected secure Java backend APIs interfacing with React UI, ensuring high performance and data governance standards.
- Implemented AI-driven automation using Java, cutting manual efforts by 25% and elevating application functionality.

QUANTGRO WEALTH MANAGEMENT

Full Stack Java React Developer

Bangalore, KA, India

January 2023 - January 2024

- Enhanced decision-making in trading systems by 35% through Java integration with React for intuitive client-side interfaces.
- Optimized Java-based data processing pipelines, cutting latency by 50% to advance real-time financial data handling.
- Championed Agile methodologies to expedite Java/React feature rollouts, achieving a 30% quicker delivery timeline.
- Deployed Java microservices architectures in fund management, enhancing system reliability and performance metrics.
- Crafted Java automation scripts to streamline development processes, boosting productivity by 50% and reducing errors.

CHILL PANDA TECH

Full Stack Java React Developer

San Francisco, CA, USA

January 2022 - January 2023

- Developed a scalable SaaS solution using React and Java, delivering prototype in 3 months; ensured 99.9% system uptime.
- Created a Java-based order processing system with React integration, supporting \$1M+ in financial transactions efficiently.
- Integrated advanced AI models with React interfaces, enhancing client interaction and reducing support inquiries by 40%.

- Implemented dynamic pricing algorithms using Java, boosting client sales by 30% and transforming user order experiences.
- Established Java-based microservices for rapid app development, speeding up feature releases by 50%, and fostering innovation.
- Delivered omnichannel CRM platforms using React/Java, significantly improving customer engagement and satisfaction.

BYJUS

Palo Alto, CA, USA

Full Stack Java React Developer

January 2020 - January 2022

- Devised AI strategies for CRM optimization, leveraging predictive analytics to drive 50% revenue growth in target markets.
- Architected AI strategies using Java-based analytics tools, optimizing sales and marketing, achieving a 50% ROI boost.
- Managed 43 SKU lifecycle using Java-driven analytics, optimizing inventory for \$75M in revenue, enhancing operational efficiency.
- Integrated AI supply chain analytics with Java API systems, ensuring robust logistics flows that generate \$10M in revenue.
- Collaborated on data-driven CRM strategies using Java to produce consequential insights for leadership at the executive level.

RIVIGO

Bangalore, KA, India

Full Stack Java React Developer

January 2016 - January 2018

- Implemented Java-based logistics systems enhancing CRM by supporting operations across 100+ cities in India.
- Developed and deployed a pickups module using Java, managing over 300,000 pickups, improving CRM logistics efficiency.
- Designed client dashboards using Java/React, enhancing real-time CRM communications, insights, and client interactions.

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