

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

Skills: Apache Kafka, project management, Hibernate, ES6, Next.js, code review, GraphQL, Apache Spark, Neural Networks, Apache

Hive, Hubspot, data modeling, Discrete Math, mobile web, CUDA, Flutter, Wordpress, Cryptography, C/C++, Excel/Numbers/Sheets, NoSQL, Redux.js, caching, AngularJS, MongoDB, Route 53, Kubernetes, Redis, Natural Language Processing (NLP), Node.js, Postgres, CI, PowerPoint/Keynote/Slides, ETL, Hotjar, product management, Asana, Nest.js, data engineer, database, Scala, Django, deep learning, C#, SQL, JIRA, Postman, technical support, FastAPI, Quantitative Analysis, Pandas, Cassandra, communication skills, e-commerce, REST APIs, Blockchain, Vim, Python, specs, Heroku, Solidity, Machine Learning, Tensorflow, Flask, Webflow, Selenium, React.js, Tableau, Data Analysis, Reinforcement Learning, Confluence, LangChain, Financial analysis, containerization, product specs, Scikit-learn, Mixpanel, Azure, Figma, Atlassian, Financial Modeling, Web Development, Zeplin, CD, user interface, Unity, R, Computer Vision, LLM, Excel, Product Management, multi-threaded, AWS, attention to detail, TypeScript, cloud technologies, Git, frontend, Amplitude, Docker, Snowflake, Airflow, React Native, Power BI, Operating Systems, MATLAB, CloudFormation, Business Analytics, GCP, full-stack, Computer Networking, UI/UX Design, Linux, Wireframe, WebRTC, data management, banking core, entitlements, programming experience, Money product architecture, Java, relational databases, new financial products, Senior Software Engineer, microservice-based architectures, Kotlin, cross-functional team, technical architecture, scalable systems

PROFESSIONAL EXPERIENCE

SYBILL

Senior Software Engineer[78461]

Mountain View, CA, USA

January 2024 - Present

- Engineered scalable systems for financial core, increasing transaction efficiency by 30% and user engagement by 15% in production.
- Designed secure, high-performance backend systems for financial services, leveraging Kotlin, Spring Boot, and React for frontend.
- Developed complex financial services features, integrating APIs to enhance automation by 40% and reduce client manual tasks by 25%.

QUANTGRO WEALTH MANAGEMENT

Senior Software Engineer[78461]

Bangalore, KA, India

January 2023 - December 2024

- Implemented machine learning models in banking systems, boosting decision-making accuracy by 35% and improving service efficiency by 40%.
- Developed real-time banking data pipeline, lowering latency by 50%, thus improving the speed of financial transaction processing.
- Led an engineering team of 5 in agile architecture transformation, increasing feature delivery speed by 30% within the financial core.
- Deployed end-to-end backend systems enhancing fund management, focusing on performance and reliability of new financial products.
- Created internal financial tools, boosting engineering productivity by 50% and decreasing manual processes by 45% in product development.

CHILL PANDA TECH

Senior Software Engineer[78461]

San Francisco, CA, USA

January 2021 - December 2023

- Implemented SaaS architecture with 99.9% uptime in the banking sector, supporting rapid deployment of new integrated banking products.
- Engineered real-time processing for banking transactions, supporting \$1M+ in daily transactions, successfully onboarding 10 new clients.
- Integrated AI-driven customer interactions in member services, increasing user retention by 25% and reducing support queries by 40%.

- Developed adaptive financial models, boosting client revenue by 30% through dynamic pricing strategies within banking systems.
- Built modular microservices for financial products, accelerating feature deployment by 50% and enabling quick product iterations.
- Led full-stack development of member service platforms using React, ensuring seamless banking experiences and customer engagement.

Osmo

Senior Software Engineer[78461]

Palo Alto, CA, USA

January 2020 - December 2021

- Directed product strategy for banking optimizations, achieving a 50% increase in revenue through enhanced financial product offerings.
- Designed \$15M banking strategy using predictive analytics to optimize sales and maximize seasonal revenue within financial services.
- Managed lifecycle for 43 financial products, driving \$75M in revenue by optimizing pricing, inventory, and operational differentiation.
- Integrated analytics to ensure resilient financial logistics during COVID-19, reducing delays and contributing \$10M global revenue.
- Collaborated with leadership to present strategic banking insights, developing data-driven strategies for enterprise-level execution.

RIVIGO

Senior Software Engineer[78461]

Bangalore, KA, India

January 2016 - December 2018

- Developed logistics software boosting banking network efficiency, supporting new financial models across a network of 100+ locations.
- Delivered module enhancing logistics efficiency, facilitating 300,000+ customer deliveries across 100+ cities, improving service speed.
- Led team in creating client-facing dashboards, enabling real-time insights and tracking for over 100 clients in banking services.

ENTREPRENEURIAL VENTURES

PAISADB - PROP TRADING FIRM

Founder (Started as side project)

Bangalore, KA, India

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

Advisor and Consultant (Part-time)

Bangalore, KA, India

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)

Chief Product & Technology Officer

San Francisco, CA, USA

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

Fundamental analysis for Business Valuation

Kolkata, WB, India

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

Portfolio management and optimization

Kolkata, WB, India

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