

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: Business Analytics, Apache Spark, MongoDB, Vim, Route 53, caching, Tensorflow, ES6, WebKit, Snowflake, C/C++, WebRTC,

Reinforcement Learning, Excel/Numbers/Sheets, GCP, Apache Hive, Zeplin, FastAPI, Machine Learning, Confluence, Flutter, user interface, operating systems, product management, Next.js, Wireframe, Heroku, Cassandra, data science, Node.js, Nest.js, Webflow, Quantitative Analysis, React Native, SQL, Financial Modeling, Wordpress, NumPy, Power BI, MATLAB, Docker, AngularJS, Hotjar, JavaScript, BigQuery, attention to detail, LangChain, Amplitude, e-commerce, containerization, Redux.js, Computer Vision, Kubernetes, Solidity, Scikit-learn, REST APIs, Product Management, Scala, Operating Systems, Asana, full-stack, Hadoop, code review, Data Structures & Algorithms, Selenium, CloudFormation, CI, technical support, data engineer, Figma, Web Development, CD, Hubspot, Postgres, database, Financial analysis, Blockchain, project management, Redis, Tableau, Linux, NoSQL, React.js, Product Design, R, cloud technologies, Pandas, Django, Cryptography, C#, GraphQL, Python, TypeScript, UI/UX Design, Computer Networking, Flask, frontend, Mixpanel, Postman, Apache Kafka, multi-threaded, Natural Language Processing (NLP), Airflow, Management, RDBMS, Unity, JIRA, Git, mobile web, specs, Hibernate, SDLC, Pytorch, product specs, entertainment, early-stage startup, full ownership, cutting-edge technology, Unity development, San Francisco, Unity Engineer, user-facing systems, AI agents, end-to-end development, Series A, on-site, collaborative team, software engineering, technical architecture

PROFESSIONAL EXPERIENCE

SYBILL

Unity Developer

Mountain View, CA, USA

January 2024 - Present

- Engineered Unity-based scalable AI systems, enhancing user engagement by 30% and boosting Unity user-flow efficiency by 15%.
- Designed Unity's architecture with AI integrations for robust backend (Node.js) and dynamic Unity-rendered frontends.
- Developed advanced Unity AI features, elevating Unity automation by 40%, thus reducing client manual tasks by 25%.

QUANTGRO WEALTH MANAGEMENT

Unity Developer

Bangalore, KA, India

January 2023 - December 2024

- Built AI/ML models in Unity environments, improving decision-making efficiency by 35% and execution speed by 40%.
- Implemented real-time Unity data pipelines, halving latency and improving AI-driven Unity financial execution.
- Spearheaded Unity development team to implement agile methodologies, accelerating Unity feature launches by 30%.
- Deployed Unity AI-driven backend for fund strategy, optimizing performance and reliability of Unity-integrated systems.
- Created Unity-specific automation tools, boosting Unity engineering productivity by 50%, cutting manual tasks by 45%.

CHILL PANDA TECH

Unity Developer

San Francisco, CA, USA

January 2021 - December 2023

- Architected Unity SaaS framework with multi-tenant support, ensuring 99.9% uptime, delivering prototype in 3 months.
- Built Unity's real-time processing engine for \$1M+ transactions, integrating 10 enterprise clients into Unity ecosystem.
- Integrated GPT-based Unity interactions, enhancing user retention by 25% and cutting Unity support queries by 40%.

- Designed Unity-driven pricing models, raising client income by 30% with personalized Unity interface and order flows.
- Constructed Unity microservices infrastructure, expediting Unity feature developments by 50% with rapid iterations.
- Orchestrated Unity full-stack delivery using React for seamless omnichannel customer experience within Unity setups.

Osmo

Unity Developer

Palo Alto, CA, USA

January 2020 - December 2021

- Guided Unity product strategy for \$40M in sales via AI-optimized marketing, driving Unity revenue growth by 50%.
- Formulated \$15M Unity sales plan with predictive analytics, maximizing seasonal Unity sales through ROI-focused strategies.
- Managed Unity products lifecycle for 43 SKUs in Amazon, boosting \$75M revenue, optimizing pricing and Unity operations.
- Leveraged Unity AI analytics for resilient supply chains, mitigating COVID delays, generating \$10M in global Unity revenue.
- Collaborated with leadership to provide Unity-influenced AI strategies, presenting insights to CEO and Board in Unity contexts.

RIVIGO

Unity Developer

Bangalore, KA, India

January 2016 - December 2018

- Developed Unity logistics software, innovating driver relay models across 100+ cities with Unity integrations.
- Solely developed Unity Pickups module, enabling 300,000+ pickups across 100+ cities, boosting Unity logistics efficiency.
- Led a Unity development team of 3 to create client dashboards, enabling real-time Unity messaging and insights.

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