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

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, Programming, Teamwork, Software Development, Communication Skills, Sustainable Energy, System Integration, Data Management, Database Management, Programming Languages, Application Developer, Problem-Solving, Equity Compensation, CSS, Analytical Abilities, Integration

PROFESSIONAL EXPERIENCE

SYBILL   **Mountain View, CA, USA**
Application Developer   *January 2024 - Present*
- Developed scalable software applications for Theronix, driving 30% increase in system efficiency and user engagement.
- Designed secure, high-performance application backends using Node.js and Python, enhancing frontend responsiveness via React.
- Engineered integration features for Theronix.org, increasing automation by 40% and reducing manual tasks by 25% for users.

QUANTGRO WEALTH MANAGEMENT   **Bangalore, KA, India**
Application Developer   *January 2023 - December 2024*
- Developed data management models improving decision-making in renewable energy distribution by 35% and efficiency by 40%.
- Created real-time data integration pipeline, reducing latency by 50% for efficient energy resource management on Theronix.org.
- Led Agile development for Theronix.org, enhancing system integration, accelerating software release cycles by 30%.
- Deployed backend systems for sustainable energy features, optimizing Theronix's performance and increasing reliability.
- Developed integration scripts enhancing data management productivity by 50%, reducing manual operations by 45% at Theronix.

CHILL PANDA TECH   **San Francisco, CA, USA**
Application Developer   *January 2021 - December 2023*
- Implemented SaaS architecture for Theronix with multi-tenant support, ensuring 99.9% uptime for user platforms within 3 months.
- Engineered order processing system for Theronix, managing transactions effectively while onboarding 10+ renewable clients.
- Integrated APIs for dynamic, personalized user interactions, boosting engagement by 25% and reducing support needs by 40%.

- Developed software for dynamic energy pricing, increasing user revenue by 30% through customized user interfaces.
- Built microservices infrastructure for Theronix.org, accelerating software updates by 50% and enabling rapid feature iteration.
- Led full-stack development with React, delivering user-friendly applications for seamless community engagement and feedback.

Osmo   **Palo Alto, CA, USA**
Application Developer   *January 2020 - December 2021*
- Crafted blockchain strategy, optimizing energy solutions yielding 50% growth in user interactions on the platform launch.
- Designed strategic plan utilizing analytics, enhancing seasonal subscription sales by 30% to maximize early market ROI.
- Managed lifecycle of software features for energy distribution, optimizing pricing and inventory strategies, driving engagement.
- Integrated supply chain analytics within Theronix platform, ensuring resilient logistics and contributing to revenue growth.
- Collaborated with leadership presenting data-driven system insights to CEO, enhancing platform strategic development.

RIVIGO   **Bangalore, KA, India**
Application Developer   *January 2016 - December 2018*
- Developed logistics software supporting relay model across cities, optimizing renewable energy distribution to 100+ regions.
- Sole developer for energy transfer module, facilitating 300K+ transactions across cities, improving system efficiency.
- Led team in developing client dashboards, enabling real-time data tracking and user insights for Theronix.org clients.

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