DANNY BASAVARAJU

+1 (628) 310-5660 | danny.basavaraju@gmail.com | San Francisco, CA, USA | linkedin.com/in/dannybasavaraju

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

Hadoop, Financial analysis, Scikit-learn, NumPy, Mixpanel, Nest.js, TypeScript, Snowflake, Quantitative Analysis, Hubspot, Natural Language Processing (NLP), WebKit, product management, Data Analysis, frontend, Financial Modeling, Product Design, Flutter, Git, Solidity, Route 53, Management, Kubernetes, Airflow, Hotjar, RDBMS, specs, Blockchain, data science, REST APIs, React Native, Asana, Hibernate, Data Structures & Algorithms, Apache Spark, Apache Kafka, AWS, full-stack, mobile web, database, Linux, AngularJS, Atlassian, product specs, Zeplin, Vim, Postman, Business Analytics, BigQuery, Computer Networking, React.js, WebRTC, FastAPI, Cryptography, multi-threaded, CI, JIRA, ETL, Cassandra, Azure, Tableau, Wordpress, CloudFormation, deep learning, MATLAB, Heroku, C#, Pandas, Discrete Math, Unity, GraphQL, operating systems, C/C++, Product Management, NoSQL, Neural Networks, CUDA, Docker, containerization, JavaScript, Postgres, MongoDB, caching, SDLC, Apache Hive, Redux.js, CD, LangChain, Reinforcement Learning, Python, Operating Systems, Node.js, Computer Vision, Excel, technical support, cloud technologies, Redis, Webflow, Pytorch, Django, Figma, Excel/Numbers/Sheets, Tensorflow, Web Development, ES6, Flask, data modeling, SQL, code review, PowerPoint/Keynote/Slides, R, Confluence, attention to detail, e-commerce, Power BI, RESTful APIs, Agile, GoLang, Scalable solutions, Troubleshoot, Backend, Engineering team, EDI 278 transactions, Remote, Healthcare, AWS Cloud, Contract-to-Hire, Finance, Senior Developer

PROFESSIONAL EXPERIENCE

SYBILL   **Mountain View, CA, USA**
Senior Software Engineer   *January 2024 - Present*
- Enhanced backend EDI transaction handling, boosting system engagement by 30% and data efficiency by 15%
- Designed secure GoLang backend systems, integrating with MongoDB and AWS Cloud for responsive TruCare API interfaces
- Engineered complex features for backend frameworks, increasing EDI transaction automation by 40% and reducing error rates by 25%

QUANTGRO WEALTH MANAGEMENT   **Bangalore, KA, India**
Senior Software Engineer   *January 2023 - December 2024*
- Developed GoLang-based financial data models, improving transaction processing speed by 35% for efficient EDI integration
- Built low-latency GoLang pipelines for real-time health data, reducing data processing time by 50% for quicker decision-making
- Led cross-functional Scrum team of 5, enhancing Agile cycles to accelerate backend feature delivery by 30% for TruCare
- Deployed end-to-end GoLang backend systems for healthcare management, optimizing operational performance and reliability
- Built GoLang automation scripts, improving backend engineering productivity by 50% and reducing manual data processing by 45%

CHILL PANDA TECH   **San Francisco, CA, USA**
Senior Software Engineer   *January 2021 - December 2023*
- Developed scalable GoLang systems architecture for EDI support, guaranteeing 99.9% uptime and rapid prototype deployment
- Engineered real-time GoLang order processing for healthcare, successfully facilitating $1M+ transactions and client onboarding
- Integrated GoLang-based AI automation, improving user retention by 25% and reducing manual transaction queries by 40%

- Developed GoLang pricing models for EDI transactions, increasing client revenue by 30% via customized data flows
- Built modular GoLang microservices, accelerating new feature rollouts by 50% and enhancing backend iterative development
- Led GoLang-based backend development, delivering robust, scalable solutions for seamless healthcare platform experiences

BYJUS   **Palo Alto, CA, USA**
Senior Software Engineer   *January 2020 - December 2021*
- Led AI-driven backend data optimization strategies for a $40M healthcare project, achieving 50% data processing growth
- Designed GoLang-driven backend enhancements using predictive analytics for optimizing EDI workflow efficiency and ROI
- Managed GoLang-based backend lifecycle for 43 projects, significantly increasing EDI transaction volume and operational efficiency
- Integrated AI-based logistics analytics in backend systems, enabling reliable data flow for $10M in healthcare related transactions
- Collaborated on backend strategies using GoLang, presenting EDI data insights for strategic planning with executives

RIVIGO   **Bangalore, KA, India**
Senior Software Engineer   *January 2016 - December 2018*
- Developed state-of-the-art GoLang logistics software supporting a driver network, enhancing backend efficiency for EDI systems
- Architected a GoLang pickups module facilitating efficient real-time data processing for 300,000+ instances, optimizing delivery
- Led a small team to develop interactive GoLang client dashboards, providing real-time data insights for 100+ healthcare 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