

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, Wireframe, CUDA, CI, Computer Vision, CD, Hibernate, Asana, MATLAB, Route 53, Management, Next.js, Pytorch, Postman, LangChain, Flutter, multi-threaded, Data Structures & Algorithms, Confluence, Quantitative Analysis, Figma, mobile web, Apache Spark, code review, product specs, cloud technologies, SDLC, GCP, Node.js, Postgres, Reinforcement Learning, Git, GraphQL, React.js, specs, Financial analysis, data engineer, Selenium, caching, data modeling, Mixpanel, Heroku, Webflow, data science, Apache Kafka, Hotjar, product management, Discrete Math, Financial Modeling, Vim, Data Analysis, WebRTC, Kubernetes, Business Analytics, Atlassian, JavaScript, Azure, Hadoop, FastAPI, Operating Systems, Cryptography, NumPy, REST APIs, SQL, Excel/Numbers/Sheets, Tensorflow, BigQuery, Solidity, communication skills, technical support, Excel, e-commerce, NoSQL, R, project management, deep learning, Scikit-learn, Machine Learning, C/C++, PowerPoint/Keynote/Slides, JIRA, Web Development, Product Design, Cassandra, database, user interface, LLM, Redis, containerization, full-stack, Pandas, MongoDB, Scala, React Native, Wordpress, Unity, Computer Networking, RDBMS, Linux, frontend, Power BI, Django, operating systems, Docker, TypeScript, UI/UX Design, Natural Language Processing (NLP), attention to detail, Nest.js, Redux.js, Airflow, Product Management, Zeplin, Flask, Apache Hive, Hubspot, ES6, APIs, ML Engineers, React, data pipelines, 5+ years of experience, AI/LLMs, infrastructure, Senior Backend Engineer, multilingual, San Francisco Bay Area, PostgreSQL, self-directed

PROFESSIONAL EXPERIENCE

SYBILL

Senior Backend Engineer

Mountain View, CA, USA

January 2024 - January 2025

- Developed scalable backend AI systems with Python, enhancing engagement by 30% and boosting user efficiency by 15%.
- Architected backend infrastructures (FastAPI, PostgreSQL) with responsive frontends (React), enhancing performance.
- Implemented AI-powered automations, reducing manual processes by 25% and increasing operational automation by 40%.

QUANTGRO WEALTH MANAGEMENT

Senior Backend Engineer

Bangalore, KA, India

January 2023 - January 2024

- Improved AI-driven decision models by 35% using Python, significantly boosting investment strategy efficiency by 40%.
- Redesigned low-latency data pipelines with AWS, cutting processing times by 50% for real-time financial insights.
- Accelerated release cycles by 30% through agile methodologies, leading a team of 5 in backend engineering processes.
- Orchestrated scalable backend systems for fund management with AWS, optimizing strategic execution and reliability.
- Devised internal automation tools using Python, increasing engineering productivity by 50% and reducing manual tasks.

CHILL PANDA TECH

Senior Backend Engineer

San Francisco, CA, USA

January 2022 - January 2023

- Architected multi-tenant architectures with FastAPI, ensuring 99.9% uptime to deliver product prototypes in 3 months.
- Engineered real-time processing systems supporting \$1M+ in transactions, fostering successful enterprise client adoption.
- Integrated AI-driven personalization using GPT models, enhancing user retention by 25% and reducing support queries.

- Developed dynamic pricing models with AI, boosting revenue by 30% through personalized user interactions and displays.
- Constructed microservices infrastructures with AWS, optimizing feature release speed and facilitating product iterations.
- Implemented seamless full-stack user interfaces with React, enriching omnichannel learner experiences effectively.

BYJUS

Palo Alto, CA, USA

Senior Backend Engineer

January 2020 - January 2022

- Guided AI-inspired strategy for a \$40M business, boosting revenue by 50% through innovative marketing and automation.
- Created \$15M predictive analytics for seasonal sales optimization, maximizing ROI through AI-enhanced strategies.
- Optimized pricing and operations for 43 products, driving \$75M in Amazon revenue with AI-driven lifecycle management.
- Implemented AI-based analytics, reducing logistics delays and contributing \$10M during COVID-adjusted global operations.
- Collaborated on AI strategic insights with leadership, delivering data-driven presentations to CEO and board of directors.

RIVIGO

Bangalore, KA, India

Senior Backend Engineer

January 2016 - January 2018

- Engineered AI-driven logistics software enhancing relay operations across 100+ cities with cutting-edge backend systems.
- Designed and developed major logistics module, facilitating 300,000+ deliveries and improving supply chain efficiency.
- Led development of client-focused dashboards enabling real-time tracking and insights, enhancing partner communications.

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