

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, microservices, cloud computing, Senior Software Engineer, mentoring, MySQL, distributed systems, modern programming language, data structures, remote work, scalability, code reviews, backend systems

PROFESSIONAL EXPERIENCE

SYBILL

Senior Software Engineer

Mountain View, CA, USA

January 2024 - January 2025

- Engineered scalable backend systems, boosting developer efficiency by 30% and enhancing integration with enterprise tools.
- Led development of secure backend using Node.js and Python, ensuring high-performance connections with diverse frontend systems.
- Implemented AI-driven features to enhance automation by 40% and decrease manual processes, reflecting enterprise goals.

QUANTGRO WEALTH MANAGEMENT

Senior Software Engineer

Bangalore, KA, India

January 2023 - January 2024

- Designed AI-driven analytics, enhancing decision-making processes by 35% and optimizing enterprise backend systems performance.
- Implemented low-latency data pipelines, cutting latency by 50%, supporting real-time decision-making in scalable backend services.
- Facilitated agile feature release cycles, improving time-to-market by 30%, aligning with scalable backend development practices.
- Architected robust backend solutions, enhancing the scalability and reliability of enterprise financial management systems.
- Innovated internal tools and scripts, boosting engineering productivity by 50% and automating repetitive maintenance tasks.

CHILL PANDA TECH

Senior Software Engineer

San Francisco, CA, USA

January 2022 - January 2023

- Developed SaaS architecture for enterprise portals, ensuring 99.9% uptime, aligning with remote-first scalable infrastructure goals.
- Engineered real-time order processing to support scalable enterprise transactions, onboarding 10+ clients with robust backend systems.
- Enhanced user engagement through GPT-driven interactions, aligning with user-centric design and reducing support queries by 40%.

- Authored AI-powered pricing strategies, boosting enterprise revenue by 30%, emphasizing efficient backend integration.
- Pioneered microservices infrastructure, accelerating release cycles by 50% and augmenting scalable backend development.
- Led full-stack development using React, Nextjs, delivering a seamless omnichannel customer engagement platform experience

BYJUS

Senior Software Engineer

Palo Alto, CA, USA

January 2020 - January 2022

- Developed AI strategies for \$40M revenue growth via sales optimizations, reflecting deep insight into enterprise software dynamics.
- Crafted AI-driven marketing plans for \$15M in revenue, leveraging analytics for backend efficiency and customer experience boosts.
- Directed product life cycle for 43 SKUs, securing \$75M revenue, highlighting skill in backend system management and scalability.
- Implemented AI supply chain solutions, ensuring robust logistics for global operations, enhancing backend system resilience.
- Collaborated on AI-enabled strategies with leadership, presenting backend insights and strategies driving growth and efficiency.

RIVIGO

Senior Software Engineer

Bangalore, KA, India

January 2016 - January 2018

- Created scalable AI-logistics software, optimizing driver relay across 100+ cities, supporting robust backend capabilities.
- Designed core pickup modules handling 300,000+ operations, achieving backend efficiencies crucial for enterprise growth.
- Led development of client dashboards, enhancing real-time data insights and backend system integration for 100+ clients.

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