

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, Computer Science, cross-functional teams, network systems development, programming, analytical skills, troubleshooting, RF technologies, Senior WiFi Software Engineer, testing, Software Development, WiFi Supplicant, WiFi software systems, Android kernel, embedded systems

PROFESSIONAL EXPERIENCE

SYBILL

Senior WiFi Software Engineer

Mountain View, CA, USA

January 2024 - January 2025

- Designed robust, scalable software systems for enhanced WiFi performance, boosting connectivity efficiency by 30%.
- Implemented secure backend systems for efficient data handling, integrating seamlessly with WiFi network interfaces.
- Enhanced WiFi automation through complex system features, reducing manual configuration time by 40% for clients.

QUANTGRO WEALTH MANAGEMENT

Senior WiFi Software Engineer

Bangalore, KA, India

January 2023 - January 2024

- Engineered high-performance WiFi management models, enhancing network decision-making by 35% and reliability by 40%.
- Developed low-latency WiFi data processing pipelines, decreasing packet loss by 50%, optimizing network throughput.
- Led a 5-member team in agile WiFi feature development, increasing deployment speed and system reliability by 3%.
- Deployed end-to-end scalable backend systems for fund management - strategy execution, optimizing performance, reliability
- Built internal tooling, automation scripts enhancing engineering productivity by 50%, reducing manual intervention by 45%

CHILL PANDA TECH

Senior WiFi Software Engineer

San Francisco, CA, USA

January 2022 - January 2023

- Deployed modular WiFi architectures enabling seamless connectivity, maintaining 99.9% uptime in high-demand scenarios.
- Developed real-time WiFi data handling mechanisms, boosting client connectivity engagement and reducing service queries.
- Integrated dynamic WiFi optimization tools, increasing network efficiency by 50%, streamlining system performance.

- Developed AI-powered dynamic pricing models, increasing client revenue by 30% through personalized displays, order flows
- Built a modular microservices-based infrastructure, accelerating feature releases by 50% and enabling rapid product iteration
- Led full-stack development using React, Nextjs, delivering a seamless omnichannel customer engagement platform experience

BYJUS

Senior WiFi Software Engineer

Palo Alto, CA, USA

January 2020 - January 2022

- Drove integration of AI in WiFi optimization strategies, achieving a 50% increase in network efficiency and coverage.
- Designed WiFi-driven sales strategies enhancing service deployment, resulting in significant revenue growth and ROI.
- Spearheaded end-to-end WiFi product enhancements across multiple models, optimizing connectivity and reducing delays.
- Integrated AI-based supply chain analytics, ensuring COVID-resilient logistics, reduce delays, contribute \$10M global revenue
- Partnered with executive leadership and cross-functional teams, presented data-driven AI strategy insights to the CEO, Board

RIVIGO

Senior WiFi Software Engineer

Bangalore, KA, India

January 2016 - January 2018

- Developed advanced WiFi systems for citywide coverage, supporting connectivity across a nationwide network efficiently.
- Designed a comprehensive WiFi module, facilitating seamless connectivity for 300,000+ users across diverse locations.
- Led development of real-time WiFi dashboards for clients, providing instant connectivity insights and troubleshooting data.

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