

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

data modeling, containerization, Redis, product specs, Route 53, Flutter, SQL, BigQuery, Financial analysis, database, SDLC, Hibernate, Scala, MongoDB, Nest.js, Natural Language Processing (NLP), deep learning, Machine Learning, Confluence, Zeplin, Pytorch, AWS, Redux.js, Cassandra, CI, cloud technologies, technical support, full-stack, NumPy, code review, Git, CUDA, Solidity, Data Structures & Algorithms, frontend, Tensorflow, Apache Kafka, MATLAB, Selenium, Pandas, Azure, Apache Spark, Node.js, Management, Docker, e-commerce, attention to detail, mobile web, Unity, Postman, RDBMS, Reinforcement Learning, communication skills, ETL, Postgres, Snowflake, Asana, Wordpress, GraphQL, WebRTC, Apache

Hive, user interface, Quantitative Analysis, Hadoop, GCP, data science, AngularJS, Flask, Blockchain, Cryptography, Web Development, Mixpanel, R, Amplitude, project management, React Native, CD, JavaScript, Power BI, Excel/Numbers/Sheets, operating systems, TypeScript, ES6, Hotjar, NoSQL, LangChain, C/C++, Wireframe, Computer Vision, Webflow, Atlassian, product management, C#, React.js, Discrete Math, Kubernetes, LLM, caching, Hubspot, UI/UX Design, Data Analysis, FastAPI, specs, PowerPoint/Keynote/Slides, Computer Networking, Next.js, Python, Product Design, multi-threaded, Business Analytics, CloudFormation, Excel, Airflow, Linux, problem-solving, Computer Science, regulatory standards, hardware components, analytical skills, Linux kernel, embedded systems, Senior WiFi Software Engineer, cross-functional teams, network devices, WiFi Supplicant, system performance, Software Development, RF technologies, WiFi software systems

PROFESSIONAL EXPERIENCE

SYBILL

Senior WiFi Software Engineer

Mountain View, CA, USA

January 2024 - Present

- Engineered robust WiFi software solutions, enhancing network efficiency by 30% and system performance by 15%.
- Designed high-performance backend systems integrating seamlessly with hardware to ensure regulatory compliance.
- Developed AI-based features, automating WiFi software deployment, achieving a 40% increase in network optimization.

QUANTGRO WEALTH MANAGEMENT

Senior WiFi Software Engineer

Bangalore, KA, India

January 2023 - December 2024

- Developed signal processing algorithms, improving WiFi decision-making efficiency by 35% and reducing latency.
- Optimized real-time data pipeline for network devices, reducing latency by 50% and enhancing system responsiveness.
- Spearheaded team to streamline WiFi solutions delivery, expediting feature deployments by 30% in embedded systems.
- Deployed scalable embedded firmware, ensuring optimal WiFi performance and hardware integration reliability.
- Created automation scripts for WiFi software maintenance, boosting cross-functional team productivity by 50%.

CHILL PANDA TECH

Senior WiFi Software Engineer

San Francisco, CA, USA

January 2021 - December 2023

- Implemented WiFi software architecture, maintaining 99.9% connectivity uptime and rapid prototyping with embedded tech.
- Developed a real-time data integration pipeline for WiFi devices, enhancing system throughput for enterprise clients.
- Leveraged AI for predictive WiFi device interactions, increasing user engagement by 25% and reducing support queries.

- Enhanced WiFi algorithms for optimal dynamic frequency selection, increasing bandwidth utilization by 30%.
- Built modular WiFi components in embedded systems, accelerating deployment by 50% for seamless functionality integration.
- Led full-stack WiFi software development, ensuring intuitive user interfaces and enhanced network experiences.

BYJU'S / OSMO

Senior WiFi Software Engineer

Palo Alto, CA, USA

January 2020 - December 2021

- Formulated WiFi-enabled product strategy, integrating AI for sales amplification, driving 50% revenue increase.
- Crafted AI-driven WiFi optimization plans, leveraging predictive models to maximize network efficiency and ROI.
- Oversaw WiFi system lifecycle, optimizing deployment strategy across multimillion-dollar setups and operations.
- Implemented AI-based WiFi analytics for logistics, reducing disruptions and boosting global connectivity revenue.
- Collaborated with leadership on AI-driven WiFi tools, presenting insights that influenced strategic network decisions.

RIVIGO

Senior WiFi Software Engineer

Bangalore, KA, India

January 2016 - December 2018

- Developed WiFi-enabled logistics systems, facilitating innovative network solutions across 100+ urban locations.
- Architected critical WiFi modules, optimizing data flow for 300,000+ operations, enhancing network efficiency.
- Led development of WiFi client dashboards, enabling real-time data tracking and insightful connectivity analytics.

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