

PRITHVI CHAUHAN

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PROFESSIONAL SUMMARY

Implementation specialist and product builder with a track record across enterprise SaaS deployment, quantitative research (Top 1% globally), and 0-to-1 product launches. At FINMECHANICS, automated MRCC compliance reporting via Java (cutting a 2-day workflow to under 10 minutes) and managed 3+ bank implementations spanning Fixed Income, FX, and Derivatives. Founded Yorbit, a full-stack ed-tech marketplace (Next.js, Node.js, Agora RTC), onboarding 262 users in Month 1 with 10 JEE bookings in the first 15 days via purely organic growth. Built CaaS.ai, a compliance intelligence platform mapping 200+ obligations and 4,400+ govt. schemes for 63M Indian MSMEs. Co-founded easyTrade (INR 250k grant, 200+ validated users) and built Rasaynx for B2B chemical procurement discovery.

CORE COMPETENCIES

Product & Strategy Product Roadmap · Customer Discovery · Go-to-Market · OKRs · Stakeholder Mgmt
Technical Delivery SaaS Deployment · API Integration · Client Onboarding · Workflow Automation · 0-to-1 Builds
Financial Domain Fixed Income · FX & Derivatives · Treasury Mgmt · Risk Reporting · Compliance
Engineering Python · Java · TypeScript · SQL · MongoDB · Next.js · Node.js · Machine Learning · Git

PROFESSIONAL EXPERIENCE

Rispri Labs | *Head of Strategy & Growth (2nd Stint)* May 2026 – Present
Driving new revenue verticals in environmental tech and B2B chemical procurement

- Closed **ETP/STP** plant orders (50–200 KLD) for hospitals; drafted project proposals & PFDs
- Sourced **PAC & Alum** manufacturers pan-India; negotiated pricing, MOQ & supply terms
- Built **Rasaynx MVP** - B2B platform for chemical supplier & CDMO discovery & lab marketplace
- **56%** of chemical traders surveyed cited verified manufacturer discovery as top pain point
- Reached out **2,753 NABL labs**; **67%** of respondents cited discovery gaps & idle capacity

FINMECHANICS | *Forward-Deployed Engineer (Associate Consultant)* Jul 2025 – Apr 2026
Delivered SaaS treasury & risk solutions at 4 client tier-1 banks via cloud microservices architecture

- Engineered **Java** MRCC automation in FmConverge; compressed **2-day** workflow to **<10 min**
- Automated **CDS** submission pipeline in **Python**; eliminated manual RBS Tranche validation
- Deployed **FmConverge** treasury MIS at tier-1 bank; built cross-asset risk dashboards
- Led **Java 8→17** (Ant→Maven) migration; optimized Greeks & **Outstanding Notional** calcs

Rispri Labs | *Head of Strategy & Growth (Part-time)* Jan 2025 – Jul 2025
Led expansion of accredited environmental testing lab into a scalable multi-vertical platform

- Established shared facilities via collabs with **4+ institutes**, improving Tier 2/3 students' lab access
- Partnered with academic researchers & co-published in IF 7.1 journal (Cite Score 16.1)
- Scaled reach **5×** via social media campaigns, educational content & academic engagement

WorldQuant | *BRAIN Research Consultant* Jul 2024 – Jan 2025
Gold certification from Chief Strategic Officer | **10k+ points** scored across alpha submissions

- Ranked **Top 1%** in International Quant Championship (**30k+** participants globally)
- Optimized **15+ signals** over **750+ simulations** for **\$20M** portfolio; **Sharpe ratio 2.08**
- Achieved **18.4% returns** over 2016–2021 on long-short neutral strategy; **3k+ datasets**

Axxela Research & Analytics | *Summer Analyst* May 2024 – Jul 2024
Researched & executed 700+ trades/week in US Interest Rate Derivatives under simulation

- Predicted rate cuts via **91-day SOFR & 20+ macro indicators**; **3:1 win rate** with spreads
- Reduced volatility **30%** via negative theta exploitation; improved risk/reward to **2:3**

IIM Bangalore | *Research Intern* Dec 2023 – Feb 2024
Access to Drinking Water in India 1991–2022 | Prof. Aditya Shrinivas, IIM Bangalore

- Harmonized **15 national surveys** (NFHS, NSSO, IHDS) on water access spanning **28 years**
- Assessed **4 government policies**; heterogeneity analysis across **25+ demographic groups**

Aqua Vision National Testing Labs | *Summer Intern* May 2023 – Jun 2023
Awarded Letter of Recommendation from Director for exemplary performance

- Built Doc Querying System via **Haystack & FarmReader**; top-5 answers at **75% accuracy**
- Managed **15-person team**; **85% accuracy** on **2000+ daily forms**; resolved data issues

ENTREPRENEURIAL VENTURES

Yorbit | Founder & Builder

Apr 2026 – Present

Full-stack 1-on-1 mentorship platform with live sessions, exam tools & session-driven AI training

- Onboarded **192 mentees & 70 mentors** in Month 1 via purely organic growth & marketing
- Closed **10 JEE bookings** in first **15 days**; scaled to **6 exams & 100+ cities**
- Built **Agora** live video sessions, E2EE chat & AI engine for personalized exam guidance

Mavenge Pulse | Co-Founder, easyTrade

Mar 2024 – Aug 2024

INR 250k grant from IDEAS (Lvl 2) by DSSE, IITB | AI-driven retail trading platform

- Identified market gap (**SOM \$6M**); improved trading decision accuracy by **35%** via AI
- Validated PMF via **6 customer discovery surveys** across **200+ active retail traders**

CaaS.ai | Founder, Compliance as a Service for Indian MSMEs

FY 2025-26

Compliance intelligence platform covering licenses, filing deadlines & government scheme navigation

- Built **15 structured compliance guides** covering incorporation, GST/TDS, labor law, IP & sector-specific rules
- Indexed **4,400+ central & state govt. schemes** into a searchable eligibility matcher for **63M Indian MSMEs**
- Shipped free tools: industry guide, penalty calculator, filing calendar & scheme finder; no login required

LEADERSHIP & POSITIONS OF RESPONSIBILITY

General Secretary | Department of Economics, IIT Bombay

Apr 2024 – Apr 2025

Elected representative of 200+ Economics students; Awarded Institute Organizational Special Mention

- Pioneered **Minor in Economics** (15 courses, 26 depts); hosted **1st Economics Day** with CEA
- Built **PAN-IIT Econ alumni network** (10k+) for 600+ BS Econ students across 4 IITs

EDUCATION

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	Indian Institute of Technology Bombay	2025	8.71
Intermediate	CBSE	Pradhan Public Senior Secondary School	2021	94.80%
Matriculation	ICSE	St. Peter's College, Agra	2019	98.00%

Honours in Economics (Grade 9/10) | AIR 749 JEE Advanced | KVPY Fellowship AIR 689 | 100 percentile Mathematics JEE Mains

KEY PROJECTS & COMPETITIONS

Credit Score Algorithm | Finsearch · Finance Club, IIT Bombay

Jul 2022

1st place at IIT Bombay | 235 teams, 800+ participants

- Built **5 ensemble & DL models** for **3,000+ borrowers**; **92% accuracy**, **\$22.4k profit**

Log Anomaly Detection | Convolve Hackathon · Analytics Club, IIT Bombay

Dec 2022

AIR 13 out of 213 teams | Top IIT Bombay finisher

- Categorized **4.1M+ logs** at **99.99% accuracy**; 8:500 class imbalance handled via NLP

Oil Price Forecasting via Dynamic ML | Predictioneer · Azeotropy, IIT Bombay

Oct 2022

Top 6 with 40+ final submissions | All IIT Bombay participants

- Predicted oil prices via **Regression & Dual Moving Average Crossover** strategy
- Forecasted 2-month prices using **CNN-LSTM** with walk-forward validation; **78% accuracy**

RESEARCH PROJECTS

Covid Impact on Construction Industry Finances | Course Project | Prof. Venkata (Dean IPS), IIT Bombay

Mar 2023

- Analysed **8+ ratios** for 10 firms; **15% profitability & liquidity increase** post-COVID
- Observed shift to debt reduction despite **12% fall** in activity ratios post-pandemic

Economics of Money, Banking and Financial Markets | Course Project | Prof. Radeef, IIT Bombay

Apr 2023

- Assessed Coupon Bonds, Treasury Bills & the **Term Structure of Interest Rates**
- Analysed **Money Supply (M3)** vs GDP growth relationship over the last 20 years

HONORS & EXTRACURRICULARS

Honors	<ul style="list-style-type: none">AIR 749 JEE Advanced (150k+ candidates) 99.88%ile JEE Mains 100 percentile Mathematics [2021]1st place Credit Score Algorithm, IITB (235 teams) AIR 13 Log Anomaly Detection (213 teams)KVPY Fellowship AIR 689, Ministry of Science & Technology IOQA Stage II (Top 253 nationally)Awarded Institute Organizational Special Mention & Dept. Roll of Honour for leadership at IIT Bombay
Sports & Arts	<ul style="list-style-type: none">Silver Medal Interhouse Long Jump, 3 consecutive years (340+ students)1st Inter-School Music Band Winner 5-year drum winner, Eternia, St. Peter's College