GANESH PRASATH A

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EDUCATION:

- B. Tech, **Computer Science and Business Systems** | 2021-2025 | Sastra University | 8.50 CGPA
- Pursuing **Honors Degree with a focus on Artificial Intelligence** (3% among 5200+ students) AISSCE/CBSE (Class XII) | 2021 | Vageesha | 92% (Boards) | 92% (JEE)
- AISCE/SSLC (Class X) | 2019 | Chinmaya Vidyalaya | **95%** (Top 1% among 200 students)

EXPERIENCE:

1. Fidelity Investments - Summer Technology Intern   (Jun 2024-Aug 2024)

- Fidelity Investments is a US major financial institution, managing over **$14 trillion** in assets
- Worked as part of the **Cloud Center Of Excellence**, DevOps and Software quality assurance team building key organisation wide quality standards.
- Worked on creation of fin-ops AI bot that rightsizes the global cloud instances of fidelity potentially saving the company over **$150 Million annually** across **AWS**, Azure-EC2, ASG, RDS instances and EKS containers.
- Built a platform for measuring, monitoring, improving, visualising and reporting maturity and software **quality of teams across Fidelity**. Which provides resources and dependability framework to ensure all the BUs globally in Fidelity maintain quality standards.

2. Digitrans Services - Co Founder   (Feb 2023 - Apr 2024)

- Led diverse teams with more than 20 people and delivered freelance client projects in Digital Marketing, **Web-Dev SAAS, AI** and Business development in my **entrepreneurial venture** that reached funding stages.

3. Esamudaay - Founder office role   (Aug 2023 - Mar 2024)

- Esamudaay is a pioneering digital SaaS platform enabling decentralised **local commerce** reaching an **$8M+ valuation.** Built their **Ecommerce website,** app, technical system design and database design and AI feature enhancements.

4. DataHedge.Pvt.Ltd - Co - Founder   (Dec 2021-Dec 2022)

- Served as part of the Marketing and Operations team of the **Algorithmic trading desk** backed by stockedge and worked with various technical teams on Machine Learning. Deep Learning and Data Analytics. Represented the startup in TNSI 2021 selected as **top 50 startup** out of 70000 startups.

POSITIONS OF RESPONSIBILITY:

1. **Executive Coordinator for Startup consulting and marketing - Entrepreneurship cell,** Led the E-Cell team with more than 500 members, initiated and led the **All India ECell** network with various top universities across India like IIM, IIT, SRCC, BITS, NITs.
2. **Incoming president - 180 Degree Consulting** Sastra chapter. Initiated, organised and led the establishment of the global NGO pro bono consulting organisation which is present across **33 countries** with 170 branches.
3. **President - Consulting cohort** Coached students to solve Bain,McKinsey,BCG interview cases, participated and won various business case and consulting competitions. Gave recommendation pitches to **Shark tank** funded startup CEOs
4. **Secretary - Web3 club,** Sastra University Led the establishment of the technology club and had grown it to over 100 members
5. **Regional coordinator - NSS** Led the NSS Sastra team with 800 students, Conducted 20+ service camps and welfare schemes across India.

TECHNICAL SKILLS:
Data technologies: Python, R, SQL, Mongodb, Excel, Data engineering, PowerBI, Pandas, Numpy
Deep Learning & Gen-AI: Bedrock, OpenAI API, Pytorch | **Data Visualization:** Tableau, Power BI |
Programming Languages: C, C++, Java | **Cloud:** AWS | Blockchain, AR/VR, IOT
Web development: HTML, CSS, JavaScript, API, Powerapps

CS concepts: Software engineering, Machine & Deep Learning,DSA, DBMS, OOPS, OS,Cloud
Maths concepts: Statistics, Probability, Linear Algebra, Linear programming | Agile, Scrum, Kanban
Business concepts: Economics, Finance, Marketing, Strategy, Entrepreneurship, Stock market, Sales, Product management

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SOFT SKILLS: Problem Solving, Critical Thinking, Leadership, Communication, Emotional Intelligence, Teamwork, Presentation Skills, Public Speaking. Strategic Thinking, Quantitative Analysis
LANGUAGES: English |Tamil | Hindi | Telugu

ACADEMIC PROJECTS:
1. **AI TradeMaster**
   Developed an AI-powered algorithmic trading platform using ML techniques for stock price prediction and real-time market news sentiment analysis. Integrated multi-asset trading bots with rigorous backtesting and risk management for commodity, equity, crypto and bonds.
2. **AI-powered PAAS for advanced medical consultation**
   Building an AI-powered automated health platform. Building a prototype **AI assistant for health counselling** and for doctors. The tech stack used was Python, MongoDB, Web frameworks, GPT-4, ML, and DL libraries.
3. **Cardiac health monitoring system**
   Analysed comprehensive health parameters using ML techniques to predict probability of heart attack in future and identifies potential risk factors and suggest health tips and precautions for patients.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENT:
- Winner - **Esummit (2022,2023,2024)** - National level case competition
- **Finalist TNSI 2021**- Tamil Nadu Student Innovators (Top 50 out of 70000 participants)
- Created a Linkedin newsletter named "changemakers" with **100K** account impressions
- Winner of **Bluelearn Hackathon** - Built a dynamic finance website in 24 hours
- Curated a design thinking research paper on "Transforming the Indian education system"
- **Authored an Ebook** "Revolutionise the Future with AI and Online Business"
- Silver medalist in Taekwondo championship | Medalist in Shot Put, Relay, 100m, Kho- Kho

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CERTIFICATIONS:
- Currently pursuing CFA-L1
- Machine Learning course (Stanford University),Data Engineering
- Deep Learning (IIT Ropar), Business Intelligence (IIT Madras), Accelerated AI, Safe AI
- AWS Bedrock workshop
- Docker, Powerapps, Cloud, Software system design, FinOps (Udemy)
- Various courses in Udemy on wide domains like neuroscience, psychology, leadership, entrepreneurship, consulting, investments, fundamental analysis

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HOBBIES:
- Meditation, Workout, Tai-Chi, Travelling, Cricket, Music, Trekking, Cycling
- Reading about Business, Technology, Geopolitics, Economics, Philosophy, Psychology, Investments,Leadership