



EDUCATION			
PROGRAM	INSTITUTION	CGPA / %	YEAR OF COMPLETION
B.Tech - Electrical Engineering	Indian Institute of Technology Madras	7.85/10.00	2024
Class XII (HSC)	Vidyanidhi Junior College of Science, Mumbai	89.69%	2020
Class X (SSC)	J.D.T. High School, Mumbai	95.00%	2018
SPECIALIZATIONS			
Full Stack Development		Product Designing and Management	Systems Designing and Database Management
PROFESSIONAL EXPERIENCE (* - <i>internship</i>)			
Project Lead @Science Popularization <i>(June 2022 - Present)</i>	<ul style="list-style-type: none">Contributed and guided in designing wireframes according to the requirements mentioned by Vikram Bhaiya (NSS-Science Popularization Head)Developed full-fledged Database architecture and restful APIs with other 2 backend developersHandling some critical deployment tasks and with another volunteerLeading the frontend part of the website right from the UI till making it into reality, guiding 2 fellow volunteers, built redux store for Login and Authentication with Redux ToolkitStack used – PostgreSQL, ExpressJS, NodeJS, ReactJs, Material UI, Redux Toolkit		
Full Stack Engineer* @GlowRadius <i>(Nov 2021– Feb 2022)</i>	<ul style="list-style-type: none">Built api endpoints to connect user's HubSpot CRM with company's CRM using HubSpot API DocumentationsImproved core logic of Search by 30% by researching and developing various methodsGuided new developer about the code base and his tasks along with standard coding practicesStack used - Node JS, Express JS, JavaScript		
Product Developer @CFI^(a), IIT M <i>(Sep 2021– Dec 2021)</i>	<ul style="list-style-type: none">Converted all the requirements from various heads to exhaustive Balsamiq wireframesContributed in the building Home page from Figma designs for the main siteStack used - React TS, Material UI, TypeScript		
Frontend Developer* @Logistics Lab, Computer Science Dept, IIT M <i>(Aug 2021– Dec 2021)</i>	<ul style="list-style-type: none">Under the guidance of professor N S Narayanaswami, the Logistics lab ideates and develops SaaS products in the logistics and transportation domain with a team of around 30 studentsCoded 2 pages of Landing Page with another developer from Figma design and Build Redux store for 3 entitiesStack used - React TS, Material UI, TypeScript, Redux, Redux Toolkit		
PROJECTS			
Instispace DEMO <i>(CFI^(a) Project)</i>	<ul style="list-style-type: none">An app to share opportunities and events inside the institute also can be used to connect with peopleWe started with reviews by various students, followed by wireframing and Figma design with a team of 5Built backend in team of 2, handled 4 major modules along with push notifications using firebaseStack used - Node JS, Express JS, TypeGraphQL, TypeORM, Firebase, PostgreSQL, Apollo server		
Mapsmap API CODE DOCUMENTATION <i>(Hackathon Project)</i>	<ul style="list-style-type: none">Crowdsource and crowdfund collaboration on maps of problems – Hackathon project in team of 8Built the backend APIs, structured the database, and documented it in the team of 2, working as a leadMost voted submission on the website and get selected as a developer into Maps DAO communityStack used - Node JS, Express JS, MongoDB, JWT		
Personal Website CODE DEMO <i>(Personal Project)</i>	<ul style="list-style-type: none">Creation of portfolio website to get all info about me in sections like portfolio, resume, contact meProject gallery to view all my projects and view source code from a single interfaceStack used - React TS, Material UI, TypeScript, Frammer Motion		
Scoring Detector CODE DEMO <i>(Hackathon Project)</i>	<ul style="list-style-type: none">Basketball match scoring event detector built for Shastra-mtx hackathon in a group of 4Built Flask APIs to interact with machine learning code, and NodeJS backend to upload the videoStack used - Node, Express, Flask, React, JavaScript		
Market Entry Strategy for Tesla DECK <i>(Competition Project)</i>	<ul style="list-style-type: none">Competition project built in group of 5, Market Entry Strategy for Tesla into Indian Market – ICC^(b) (IIT KGP)Analyzed Tesla's Failure in European market by comparing Volkswagen and Tata's network in Indian MarketSuggested P3C strategy for market entry and mentioned early adopters with their channels to reachExecuted value-based pricing strategy to give estimate price and which model to launch in IndiaPerformed competitive analysis with TATA and it's methods for vertical integration		
TOOLS			
Frontend	HTML, CSS, JavaScript, Ajax, TypeScript, React, D3 JS, Redux, Redux Toolkit		
Backend & Database	Node JS, Express JS, JWT, Redis, MongoDB, Firebase, TypeGraphQL, TypeORM, PostgreSQL, Flask		
QA & DevOps	Docker, AWS, Heroku, Microsoft Azure, Google Cloud Platform, Mocha and Chai		
Misc.	Python, C++, C, VSCode, Postman, Git, GitHub, MATLAB, Figma, Canva, Slack, Zoom		

a – Center for Innovation – technical society of in IIT Madras, b - Indian Case Competition, c – Cohort based courses



COURSEWORK (*- ongoing course ``-online course)		
Numerical Methods using Computer (EE1103)	Applied Programming lab (EE2703)	Principles of Economics (HS3002)
Microprocessor – Theory and Lab (EE2016)	Digital Logic and Design (EE2001)	Probability, Statistics and Stochastic Process
Signals and Systems (EE1101)	Series and Matrices (MA1102)	Version Control with Git (Coursera)``
Digital Signal Processing (EE2004)	Analog Systems and Lab (EE2019)	Operating Systems (NPTEL)*``

SCHOLASTIC AND OTHER ACHIEVEMENTS

- Cleared JEE advanced with rank in top 6% and secured rank in the top 0.8% in JEE mains exam for engineering
- Hacker rank Certifications : [JavaScript Data Structures and Algorithms](#) , 4 skill badges on LinkedIn
- **1st runner up** in Doremon Den product **case challenge**, on Improving User experience in CBCs in Product Management with 3 teammates
- **Contingent Member** for 2 competitions in **Inter IIT Tech Meet 10.0** - Digital Alpha's SEC Filing Analyzer for Saas and Mercari's Large Scale System Design hackathon
- **Most voted** submission in **Mapsmap hackathon** - A web3 hackathon to build open source collaboration on maps of problems (Miro-style) through crowdsourcing (Wikipedia-style) and crowdfunding (Kickstarter-style)

PORs, Learning Programs and EXTRA-CURRICULAR ACTIVITIES

Project Management Coordinator @Nirmaan (May 2021– May 2022)	<ul style="list-style-type: none">• Nirmaan is a Pre-Incubator at IIT Madras which support a startup to go beyond MVP, starting from the idea• Discussed the most significant problems of early-stage startups and worked on solving them• Interviewed startups from various domains and wrote 5 blogs on that posted on Nirmaan’s medium handle• Hosted the flagship orientation event - “Peek into Nirmaan” with another coordinator
APM Mentee @Doremon Den (Oct 21 – Dec 21)	<ul style="list-style-type: none">• Learnt key concepts in product management domain by doing various tasks• Participated in 2 competitions 1st on Metaverse In India and 2nd on Improvements in CBC^(c)s (1st Runner Up)• Topics Covered: User Persona, Guesstimates, Metrics, Prioritization frameworks, Product Design, Product Improvement, RCA (Root Cause Analysis), GTM, (Go To Market Strategy), Pricing strategies, etc.
Virtual Product Management Experience @Quollab (Jul 2021)	<ul style="list-style-type: none">• Built small projects around various product management concepts in short duration• Handled the tasks with Value Proposition, User Persona, User Journey, User Stories, Pain Points• Final project was Product Enhancement in BookMyShow during lockdown in the team of 4, Brainstormed on the various things and finalized 2 features, wireframed the idea using balsamiq and made video with showing key metrics
Volunteer @BAPS	<ul style="list-style-type: none">• Conducting weekly Children Assemblies to teach them about education, health, moral values and culture• Participated in De-addiction campaign to spread awareness about harmfulness of addiction, contacted around almost 200 people• Brainstorming and suggesting new initiatives for kids’ welfare and development
Other PORs	<ul style="list-style-type: none">• Lifestyle club Saarang Volunteer – Contacted last year’s participants to participate this time• Institute Webops Coordinator – Discussed some bugs in current site and tried implementing the solution
Competitions	<ul style="list-style-type: none">• Elympics (by Ecell IIT Madras) – cleared round 1 on market entry case study• Nasa Space Challenge – Developed android app to calculate and display available sunshine at your location• Selected for Script Winter of Code 22• Microsoft Engage 2022 cleared till round 2