



## EDUCATION

PROGRAM	INSTITUTION	CGPA / %	YEAR OF COMPLETION
B.Tech - Civil Engineering	Indian Institute of Technology Madras	8.25/10.00	2023
Class XII (HSC)	Pace Junior Science College, Mumbai	<a href="#">89.4%</a>	2019
Class X (ICSE)	Activity High School, Mumbai	<a href="#">93.7%</a>	2017

## SCHOLASTIC ACHIEVEMENTS

- Secured an All India Rank of **4139** in IIT-JEE Advanced 2019 from over 2,45,194 candidates
- [Certified Cloud Engineer](#) accredited by Google (ACE), Amazon Web Services ([Solution Architect](#)) and Microsoft ([AZ900](#) certificate)

## COURSEWORK ( \* - on going course ``-online course)

Introduction to Computer Science	Probability and Stochastic Processes	Vector Algebra
<a href="#">Machine Learning</a> ``	Discrete Mathematics for Computer Science*	Cloud Computing``

## SPECIALIZATIONS

Full Stack Development	DevOps and Cloud Computing	Systems Designing and Database Management
Product Designing and Management	Machine Learning and Data Science	Designing, Content Creation and Editing

## TOOLS

<b>Frontend</b>	<ul style="list-style-type: none"> <li>React, Next JS, D3 JS, TypeScript, HTML, CSS</li> <li>Flutter, Kotlin, Dart</li> </ul>
<b>Backend</b>	<ul style="list-style-type: none"> <li>Express JS, TypeGraphQL, GoLang, Django, Nginx, TypeORM, JWT, Nest JS, Redis, Serverless, Puppeteer</li> </ul>
<b>AI/ML</b>	<ul style="list-style-type: none"> <li>Python, TensorFlow, Google BERT</li> </ul>
<b>Database</b>	<ul style="list-style-type: none"> <li>PostgreSQL, MongoDB, Firebase, DynamoDB, Redis, Algolia</li> </ul>
<b>QA &amp; DevOps</b>	<ul style="list-style-type: none"> <li>Docker, Kubernetes, AWS, Heroku, Microsoft Azure, Google Cloud Platform, GitHub Actions</li> <li>Mocha and Chai, Jest,</li> </ul>
<b>Misc.</b>	<ul style="list-style-type: none"> <li>VSCode, IntelliJ, Webstorm, PyCharm Jira, Android Studio, Postman, Screaming Frog, Git, GitHub, GitLab</li> <li>MATLAB, Octave, Tableau, Notion</li> </ul>
<b>Content Creation</b>	<ul style="list-style-type: none"> <li>Photoshop, Illustrator, Premiere Pro, Adobe XD, YouTube</li> <li>Figma, Framer</li> </ul>

## PROFESSIONAL EXPERIENCE (\* - internship)

<b>SDE*</b> <b>@Unacademy</b> (May 2022– Present)	<ul style="list-style-type: none"> <li>Securing the video distribution platform using token authentication</li> <li>Worked on both frontend &amp; backend engineering tasks, of the Core Learning Experience team</li> </ul>
<b>Technical Society Head</b> <b>@IIT Madras</b> (April 2022– Present)	<ul style="list-style-type: none"> <li>Building the tech culture at IITM through organizing workshop, competitions &amp; lectures at a 9000 student scale</li> <li>Heading <a href="#">social media campaigns</a> &amp; a blog for inspiring innovation &amp; scientific curiosity</li> <li>Developed the official CMS backed website for the <a href="#">Technical Society</a>, IIT Madras</li> <li>Developing an institute wide tool (<a href="#">CourseMap</a>) for helping 2000+ students make informed course decisions</li> </ul>
<b>CTO Fellow</b> <b>@Amazon</b> (Feb 2022– April 2022)	<ul style="list-style-type: none"> <li>Fellowship with the Amazon Web Services Startup CTO Program for building &amp; scaling MVPs</li> <li>Participating as a subject expert in the solving the CTO community's doubts, on building with AWS</li> </ul>
<b>SDE*</b> <b>@Khatobook (YC17)</b> (Feb 2022– May 2022)	<ul style="list-style-type: none"> <li>Developed the <a href="#">BizMart</a> service to provide B2B ecommerce to MSMEs in India</li> <li>Boosted site performance by 50% by using lazy loading, code splitting, asset optimization over CDN</li> <li>Increased application engagement by 30% by introducing web-push notifications via the CleverTap SDK</li> <li>Rapid feature development for applications used by retailers &amp; suppliers, using PWA &amp; TWA technologies</li> <li><b>Stack used</b> - TypeScript, React, CleverTap, PWA &amp; Service workers</li> </ul>
<b>Technical Lead</b> <b>@Logistics Lab, Computer Science Dept, IIT Madras</b> (August 2021– Present)	<ul style="list-style-type: none"> <li><b>Leading</b> a team of <b>5 developers</b> to make the web app &amp; backend of a <a href="#">full-stack B2B delivery system</a></li> <li>Architecting a dev &amp; production environment with proper logging, healthchecks &amp; documentation of each service</li> <li>Working on test data generation &amp; spatial APIs to prepare the base for packing &amp; routing algorithms.</li> <li>Research project with <a href="#">Professor N.S.Narayanaswamy</a> on customized data generation</li> <li><b>Stack used</b> - TypeScript, TypeORM, Typegraphql, Postgres, React, Redux, Tailwind, Docker, Retool, AWS</li> </ul>
<b>Full Stack Engineer*</b> <b>@Loop (YC18)</b> (October 2021– Feb 2022)	<ul style="list-style-type: none"> <li>Developed the frontend of an <a href="#">Insurance Calculator Application</a></li> <li>Established the internal UI frontend component library for React JS projects at Loop</li> <li>Built the backend for <b>insurance rate card calculations</b> &amp; setup of development &amp; staging environments.</li> <li><b>Stack used</b> - React JS, TypeScript, Styled Components, Redux, Firebase, AWS</li> </ul>
<b>Product Engineer*</b> <b>@Farmako (YC20)</b>	<ul style="list-style-type: none"> <li>Lead the development of 3 MVPs, 1 internal tool &amp; 1 CMS at Farmako with a team of 3 developers -right from - ideation to design to development to devops to analytics to iteration</li> </ul>

<p>(June 2021– October 2021)</p>	<ul style="list-style-type: none"> <li>Headed the <a href="#">Medical History Screen</a> project - for patients to view, share, add, delete their health records</li> <li>Headed the redesign of the <a href="#">profile website</a> project - for online listing of partnered hospitals, labs, clinics etc.</li> <li><b>Stack used</b> - TypeScript, Next JS, Google Places API, React, Redux, Firebase, MongoDB, Chrome API</li> </ul>
<p><b>JavaScript Developer*</b> <b>@Farmako (YC20)</b> ( Feb 2021– June 2021)</p>	<ul style="list-style-type: none"> <li>SEO optimized, <a href="#">official website</a> of Farmako Healthcare created using React JS</li> <li>Developed the profile website project of partnered medical institutions - by speeding up creation of SEO optimized, server rendered websites, managed by a Firestore CMS &amp; S3, Cloudfront deployment &amp; hosting</li> <li>Creating a frontend web boilerplate of the UI/UX design system at Farmako Healthcare.</li> <li>Development of a <a href="#">chrome extension</a> over Gmail to help labs send medical reports to patients easily over WhatsApp, email and Farmako Health ID</li> <li><b>Stack used</b> - React, TypeScript, Next JS, Algolia, Instantsearch JS, Webhooks, Storybook JS</li> </ul>
<p><b>Project “Dashboard”</b> <b>@Raftar Formula Racing</b> ( Jan 2021– March 2021)</p>	<ul style="list-style-type: none"> <li>A <a href="#">GUI</a> backed by a robust data processing pipeline for streaming the data right from IoT sensors to a GUI with proper storage, hosting and querying capabilities</li> <li>1st place, <b>winning</b> project at the national level <b>Connected Tech Event, Formula Bharat 2021</b></li> <li><b>Stack used</b> - React, Node, Express, PostgreSQL, AWS, Python, MATLAB</li> </ul>
<p><b>Javascript Project Suite</b> (August 2020 - Feb 2021)</p>	<ul style="list-style-type: none"> <li>A collection of personal web application projects that I worked on to level up :</li> <li><b>Beatmaker</b> - A <a href="#">music composer web-application</a> created using HTML, CSS and JS</li> <li><b>Vibrance</b> - A <a href="#">color selector</a> catering to selection, modification and saving of color palettes</li> <li><b>Reels</b> - A <a href="#">social media platform</a> for user to share reviews about movies, books and any other form of content</li> <li><b>Scripting Pages</b> - An <a href="#">online editor</a> for creation of web development projects</li> <li><b>Charcha</b> - A social media <a href="#">blogging platform</a> with authentication and voting system</li> </ul>
<p><b>Website</b> <b>@Raftar Formula Racing</b> ( Jan 2021– March 2021, Revamped in Feb 2022)</p>	<ul style="list-style-type: none"> <li><a href="#">Official CMS backed team website</a> of Raftar Formula Racing</li> <li><b>Stack used</b> - Next JS, Typescript, GraphCMS</li> </ul>
<p><b>Personal Website and Technical Blog</b> (Sept 2020 – Present)</p>	<ul style="list-style-type: none"> <li>Creation of <a href="#">portfolio website</a> using purely HTML, CSS, JS</li> <li><a href="#">Project gallery</a> to view all my projects and view source code from a single interface</li> <li>Maintaining a <a href="#">blog</a> to talk about software, entrepreneurship, philosophy &amp; behavioral science</li> </ul>
<p><b>POSITIONS OF RESPONSIBILITY</b></p>	
<p><b>Google Campus Leader</b> (February 2022– Present)</p>	<ul style="list-style-type: none"> <li>Coordinated with Google Team &amp; IIT Madras Faculties for an equitable knowledge-sharing programme driven by workshops, projects, talks &amp; more activities for stakeholders of both organizations.</li> <li>Drove large scale marketing campaigns &amp; created 1st atomic network of interest group for such activities through various engagement channels</li> <li>Organized &amp; headed the first 2 month Google Live Project program to inculcate a culture of building at IITM</li> </ul>
<p><b>Saathi Student Mentor</b> (December 2021– Present)</p>	<ul style="list-style-type: none"> <li><b>Mentoring</b> &amp; supporting for all round wellness for a group of students throughout the course of their graduation at IIT Madras (2021 - 25 batch)</li> </ul>
<p><b>Oratory Club Coordinator</b> (April 2020– April 2021)</p>	<ul style="list-style-type: none"> <li><b>Organized</b> inter and intra college level open mics, debates, JAMs, MUNs, Slam Poetry and other oratory events</li> <li><b>Emceed</b> at freshie immersion programme &amp; during Saarang (IITM’s official cultural festival)</li> </ul>
<p><b>TechSoc Coordinator</b> (Dec 2020– Jun 2020)</p>	<ul style="list-style-type: none"> <li>Spearheaded the first iteration of the 2.5 month Build Sprint Programme at IIT Madras, out of which, 1 team got incubated as a high-functioning startup</li> </ul>
<p><b>Raftar Formula Racing</b> (Feb 2020– Oct 2021)</p>	<ul style="list-style-type: none"> <li>Designed, simulated and optimized the design of the <a href="#">unified cockpit</a> of an electric racecar</li> <li>Designed a <a href="#">steering wheel</a> with a system of custom paddle shifters</li> <li>Developed 2 iterations the <b>official website</b> of Raftar Formula Racing</li> <li>Achieved a <b>10% increase</b> in performance by redesigning Gurney flap to improve the airflow over the rear wing</li> <li>Designed chassis &amp; software that bagged the team hatrnick of victories at national level for the innovation</li> </ul>
<p><b>E Cell Associate Manager</b> (Nov 2019– April 2020)</p>	<ul style="list-style-type: none"> <li>Designing of posters, t-shirts and other merchandise for E-Summit, IIT Madras, 2020</li> <li>Photography, videography, media post-processing for events held during E-Summit, IIT Madras, 2020.</li> </ul>
<p><b>CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES</b></p>	
<p><b>Formula Bharat 2021</b></p>	<ul style="list-style-type: none"> <li><b>Overall Champions</b> becoming the <b>first-ever team to successfully defend the title</b></li> <li><b>Winner of Robert Bosch Best Powertrain award and Ather Energy Software award</b></li> </ul>
<p><b>Music</b></p>	<ul style="list-style-type: none"> <li><b>Keyboard (Indian Classical)</b> - Indian Gandharva Mahavidyala <a href="#">certified</a> synthesizer/keyboard player</li> <li>Self-taught <a href="#">Guitarist</a></li> </ul>
<p><b>Debate</b></p>	<ul style="list-style-type: none"> <li>Winner of “Best Delegate” in the NATO committee at IIMUN Mumbai, 2017 (Agenda : Cyber Warfare)</li> </ul>