



EDUCATION AND SCHOLASTIC ACHIEVEMENTS

Program	Institution	%/CGPA	Year of Completion
Dual Degree in Engineering Design	Indian Institute of Technology, Madras	8.11	2025
Class XII (CBSE)	SFS Public School, Kottayam	95.8	2020
Class X (CBSE)	Bharatiya Vidya Bhavan, Calicut	92.2	2018

- JEE Advanced (2020) AIR **3278** among 2.5 lakh candidates
- JEE Mains (2020) AIR **4104** among 11 lakh candidates
- Placed **3rd** from 80 participants in a 24-hour hackathon by IIT Madras Techsoc Club
- KEAM¹ (2020) AIR **105** among 1 lakh candidates

SKILLS

Proficient: Typescript, JavaScript, Python, HTML, CSS, React, Next JS, React Native, Node, Express, MongoDB, Puppeteer, Cheerio, Git, GitHub, Figma, Material UI, Tailwind CSS, Mantine UI, Bootstrap | **Intermediate:** tRPC, Java, Nest JS, Firebase, Electron, Redis, Markdown, MDX, C

PROFESSIONAL EXPERIENCE

<u>Commenda</u> Full-stack dev Intern (May '23 – July '23)	<ul style="list-style-type: none"> Built company blog and glossary using Next JS, Notion API as CMS, resulting in 120% increase in website engagement. Devised a puppeteer script leveraging Google Vision AI for captcha resolution and scrape data from external website. Achieved an exceptional 88% reduction in initial request time, and deployed on AWS using EC2, ELB for reverse proxy. Deployed scheduler for automated metric loggings to Google Sheets and Email, reducing manual intervention by 80%.
<u>Viak</u> Frontend dev Intern (Dec '22 – May '23)	<ul style="list-style-type: none"> Published a widget for businesses to easily embed tokens, resulting in 40% increase in product visibility, engagement. Built a project settings page for efficient token collections and sales resulting in 50% decrease in support requests. Refactored legacy class components into functional components, rectifying key issues for a better user experience.
<u>CoursePanel</u> Start up (July '22 – May '23)	<ul style="list-style-type: none"> Developed a university-wide portal helping 3300+ students make informed decisions while selecting courses. Developed a Learning Management System for universities to improve program planning and content relevance. Consulted a professional academy on curriculum designing and syllabus for learning software development.
<u>Blocktrack</u> Mobile dev Intern (Sept '22 – Nov '22)	<ul style="list-style-type: none"> Contributed to the development of hybrid mobile app from scratch, creating variety of UI components and design. Worked on the authentication flow, establishing OTP login. Used React Native, Typescript, and Firebase.
<u>Accelerate</u> Backend dev Intern (Jan '22 – May '22)	<ul style="list-style-type: none"> Built the back-end of ordering and starter app for a notable restaurant chain catering to 50,000+ daily customers. Migrated the POS software from monolithic to microservices based architecture following MVCS pattern. Implemented JWT authentication, documented the APIs using swagger. Used Express JS, Electron JS, CouchDB.

PROJECTS

<u>FMHY</u>	<ul style="list-style-type: none"> Developed a full-stack website for a popular Reddit community attracting more than 50k requests per day. Also built a comprehensive wiki page, using RESTful APIs, React, Typescript, Express, Cheerio, Prisma. Periodically scraped, sanitized, and stored data from their GitHub page, enhancing overall data reliability, accessibility. Added a user-friendly search function and a Discord bot for efficient data queries, boosting overall user engagement.
<u>Mentora</u>	<ul style="list-style-type: none"> Built an academic portal for students to ask doubts, upload notes, with course details scraped from IITM website. Attained 3rd place among a cohort of 10 teams, following selection from a competitive pool of 100+ students. Used technologies like Next JS, MongoDB, Azure Blob Storage, Next-Auth, Google Sheets API, Puppeteer, Cheerio.
<u>EverHealth</u>	<ul style="list-style-type: none"> Developed a mobile app encouraging users to complete daily tasks using gamification techniques, using Expo, Firebase. Integrated a personalized GPT-4 powered doctor assistant, leaderboard, RSS feeds, dynamic streak, and level system.
<u>Redora</u>	<ul style="list-style-type: none"> Constructed a Reddit clone integrating post editor, nested replies, and subreddits using Next JS, Prisma, Redis. Incorporated advanced post caching using Redis to enhance the overall user experience and response times.
<u>Ping</u>	<ul style="list-style-type: none"> Built an emergency-alert mobile app, dashboard for on-campus students utilizing Expo, Next JS, Express JS, MongoDB. Constructed an Admin Dashboard featuring real-time location tracking and proximity-based camera feeds.
<u>JMT Shaastra</u>	<ul style="list-style-type: none"> Collaborated with Shaastra IITM to build a website for Junior Make-A-Thon event, enabling the seamless registration of over 3000 students from all over the country, using Next JS, with Google Sheets serving as the database.
<u>Portfolio</u>	<ul style="list-style-type: none"> Built portfolio implementing parallax scrolling, and other design techniques using Next JS, Framer motion. Added a static blog using MDX with static site generation for improved performance and SEO.

POSITIONS OF RESPONSIBILITY

<u>TenSci³</u> WebOps Head ('22 – '23)	<ul style="list-style-type: none"> Coordinated and led projects undertaken by TenSci³ to fund its social campaign project driving a 25% increase in revenue. Built web and mobile grievance portals for MP² serving Idukki Constituency benefiting 12 Lakh+ citizens with their needs.
<u>Saarang</u> DevOps Coordinator ('20 – '21)	<ul style="list-style-type: none"> Built the Sangam '21 leaderboard app, updating points real-time using PostgreSQL, Express, React. Updated and modified Saarang website portal used by over 1,80,000 students from 500+ colleges all around India.

EXTRA-CURRICULAR AND CO-CURRICULAR ACTIVITIES

Tech enthusiast, follows tech blogs/subreddits.	Chess FIDE rating 1348, District Champion.	Hostel Basketball Athlete
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