Avinash **Tadavarthy**

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An avid learner and Software Development enthusiast with experience in working with and mentoring small teams to create tech-enabled products from scratch. Aspiring full-stack developer with skill in front end frameworks, UI & UX design and product engineering.

EDUCATION AND SKILLS

B.Tech	National Institute of Technology, Tiruchirappalli	2020	**8.46**
AISSCE (Class XII)	P.S.B.B Senior Secondary School, Chennai	2016	**96 %**

Proficient C++ • Java • Javascript • React Native • Android Studio • MySQL • HTML
Basic Python • NodeJS • Mongo • XML

> Pursued a **minor degree** in **Computer Sciences** at **NIT Trichy**
> DS & Algos • Computer Organisation • DBMS • Operating Systems • Software Engineering

PROFESSIONAL EXPERIENCE

Software Development Intern   **Zoho Corporation, Chennai**   **May 2019 to Jul 2019**
• Collaborated with the **Webmaster team** to port Zoho Payments (revenue data visualisation platform) onto **Android and iOS**.
• Used **React Native**, a framework where Javascript code can be compiled into native apps for iOS and Android simultaneously.
• Broadly experimented with **SVG functionality** to **create interactive charts** and gave insights by parsing large, complex data.

Full Stack Development Intern   **Einheit Online Pvt. Ltd., Chennai**   **May 2018 to Jul 2018**
• Worked on **MatchEzy**, an app that bridges the gap between traditional match-making and dating (**Google Playstore link** here).
• Made a functional application in **Android** (UI, UX design and code) and a **NodeJS backend** with a **Mongo database**.
• The app sorts user data and offers suggestions for matches based on their personal interests.

Android Development Intern   **Bhelliom Tech, Trichy**   **Aug 2017 to Jan 2018**
• Developed **24 Crafts**, an app aimed at providing more opportunities for different profiles of work in the film-making industry.
• Engineered an Android app and explored features offered by the Android SDK and multiple open-source libraries available.

NOTABLE PROJECTS

Product Engineer   needl
A service discovery platform intending to tech-enable the bespoke tailoring industry
• Engineered an ecosystem of **four coherent mobile applications** (built in **Flutter** for tailors, customers, fabric manufacturers and delivery agents), an efficient **database architecture** and a NodeJS-Mongo based back-end to handle the day-to-day operations.
• Coordinated with different teams to gather **market intelligence** and translate customer needs into **software solutions**.

Software Developer   Sync It All (SIA)
An intra-university information portal with a wearable payment solution for in-campus residents
• Envisioned and made an Android app to integrate important aspects of a students **college life onto one platform**.
• Integrated functionality with an **NFC band** proposing to offer in-campus payment facilities for residents.

POSITIONS OF RESPONSIBILITY

Core Team Member and Product Development Lead   Enactus, NIT Trichy
Established a chapter of Enactus, a global non-profit community of students, academic and business leaders committed to working on social entrepreneurship based projects. Established and **worked on needl as a part of this team**.

AppDev Team Member   Spider, R&D Club of NIT Trichy
Worked on university-level projects and interacted with external startups to extend services. I have also **conducted workshops in college to teach Java, XML and their usage in Android Development**.

Marketing Manager and Head of Creative Branding   Festember, NIT Trichy
Ideated on innovative marketing ideas to raise in-cash and in-kind sponsorship for the intercollegiate fest. Additionally, worked closely with the Technical team of the fest to **redefine the website and increase online brand visibility** for sponsors.

Marketing & Media Relations Coordinator   TEDx NITTrichy
Executed duties under the Sponsorship team and was also involved in audience curation and **web development** for the event.

EXTRA-CURRICULARS AND ACHIEVEMENTS

2020	Finalist	Ventura - Business Pitch Competition, E-Cell NIT-Trichy
2018	Trainee	Vortex Workshops (conducted by CSE Dept, NIT Trichy) on **Python programming and Ethical Hacking**
2017	1st position	IGNITE - **Tech Idea Pitching Competition**, Trec Step
2017	1st position	Breakthrough - Business Pitch Competition E-Cell NIT Trichy
2016	Best All Rounder	Outgoing batch of PSBB School, Chennai
2014	Indian Delegate	World School International Forum 2015, Far Eastern Federal University, Vladivostok, Russia

> Pitched the idea of Sync It All (as mentioned above) in the contest