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.

EDUCATION AND SKILLS

B.Tech	National Institute of Technology, Tiruchirappalli	2020	**8.56**
AISSCE (Class XII)	P.S.B.B Senior Secondary School, Chennai	2016	**96 %**

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

Proficient	Java • AWS • Kafka • Oracle • Kubernetes
Basic	Python • Angular • Project Management • PLSQL • Control-M

PROFESSIONAL EXPERIENCE

Lead Software Engineer   **Fidelity Investments, Chennai**   Aug 2020 to Present
- Used Java, Kafka and AWS extensively to develop the Bookkeeping services for Fidelity's Brokerage Technology division.
- Worked on the Mutual Fund Order Management System and Marketplace modernization project to handle Mutual Fund orders.
- Collaborated with teams on a stretch basis to develop multiple Market Analysis and Developer Enhancement tools.

Software Development Intern 📑   **Zoho Corporation, Chennai**   May 2019 to Jul 2019
- Collaborated with the **Webmaster team** to port Zoho Payments (revenue data visualization 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.

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

Project Manager and Developer   DevTools
A developer friendly tool to revamp the way we monitor and interact with Kubernetes resources
- Engineered an end-to-end application, assembled a team of motivated contributors and developed DevTools, a tool to make the monitoring of Kubernetes/AWS EKS resources easier, using Java Spring and the Kubernetes APIs offered.
- Coordinated with different teams internally to gather **usage-based intelligence** and translate the needs into **software solutions**.

Senior UI Designer and Developer   Company Cardiogram
Streamlined market analysis app for global portfolios; acclaimed for intuitive UI and extensive data coverage
- Spearheaded the development and UI design, leveraging Angular to create a seamless user experience.
- Led a cross-functional team, collaborating with users and management to refine the UI and deliver an award-winning product.

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

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

Year		
2023	Awardee	Three-time Impact Award Winner, Fidelity Investments
2021	Winner	Assist and Automate award, Eureka, Fidelity Investments (for Company Cardiogram)
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