

Aditya Kumar

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EDUCATION

NIT TRICHY

B. TECH IN COMPUTER SCIENCE AND
ENGINEERING

Grad. May 2021 | GPA: 8.72

KV ISP

CBSE (SCIENCE)

10th: 10.0 CGPA | 12th: 95.8%

LINKS

Github:// kumaraditya1999

LinkedIn:// adityakumar

Codeforces:// kumaraditya1999

SKILLS

LANGUAGES

C# • Typescript • C++

Python • Javascript • Kotlin

CLOUD TECH

Azure • Kubernetes

FRAMEWORKS

DotNET • Angular • NodeJs

DATABASES

SQL • CosmosDB • Azure Storage
Services

TOOLS & IDE

Visual Studio • VSCode • Git
Figma • Postman • Unity

AWARDS

3RD POSITION AT PRAGYAN HACKATHON

Event at Pragyan'19 International
Techno-Management Festival of NIT
Trichy

MASTER ON CODEFORCES

Top 100 in India, top 1.7% all over the
world

OUTSTANDING PERFORMANCE IN 12TH CBSE

Received letter of appreciation from
then education minister

SAKURA SCIENCE EXCHANGE PROGRAM

Represented India in Sakura Exchange
program in Japan

EXPERIENCE

MICROSOFT

SOFTWARE ENGINEER

June 2021 - Present

SOFTWARE ENGINEER INTERN

May 2020 - July 2020

- **APIs for Automation of Configurations for New Product Launches:**
 - Developed robust, scalable and concurrent APIs following open API specifications in **DotNet 6** making us the first team in our org to use **DotNet 6**.
 - Implemented repositories interacting with **SQL, CosmosDB, Azure Tables**. Published them as nuget packages using **CI/CD** for other teams to use.
 - Orchestrated infrastructure in **AKS** for deploying APIs from scratch using **Helm charts** and **Docker**.
 - Added access management, authentication, and authorizations using **AAD**.
- **Generic Eventing Solution for TestPlatform:**
 - Engineered a generic **eventing** solution for TestPlatform to consume and consolidate organization-wide events.
 - Designed the system and database (**CosmosDB** and **SQL**), and wrote **Azure Function Apps** (**Azure Blob** and **Azure Queue** triggered).
 - Streamlined business flows, reducing **UAT testing** from **3 weeks** to **2-3 days**.
 - Used **Formly** to generate UI and **Figma** for UI Mock Ups.
- Designed and implemented **flexible** rules review library using various **design patterns** for **Founder's Hub**. Made the library extensible to introduce any new rules. Made the library **JSON-Configurable** making it PM friendly.
 - The library helped in reducing the **manual review time** from **5 mins** to **1 min**.
- Developed Shared Libraries for **enhancing telemetry logging:**
 - Made the library **JSON-configurable for ease of use**. Used robust design patterns to make the library extensible and maintainable.
 - Collaborated with other teams for **bug fixes** and **feature requests**.
- Implemented **reusable UI components** in Angular like **Excel upload, Tables, Modals, and Filtering components** for the **Harmony Framework**.
- Worked with **Azure Data Factory** and **Kusto Clusters** to create **Power BI reports** for bots used in **Teams channels**.
- Delivered talks on leveraging **co-pilot** and using **blockchain** for organizational improvements. Hosted quizzes and learning sessions, incorporating **AI tools** to make sessions interesting.
- As a **Scrum Master**, planned and prioritized the team backlog, conducted daily standups, sprint-wise demos, and retrospectives aligning to **Agile methodologies**. Ensured **ADO hygiene**, and addressed any **compliance / security-related issues** on priority.

WECF | WE CREATE PROBLEMS

SOFTWARE ENGINEER INTERN

May 2019 - July 2019

- Created **customer-facing static pages**, Fixed **business-critical front-end bugs** of **code evaluation system**. The fixes significantly improved **user and admin journey on the product**.
- Upgraded the source code of the product from **Angular 4** to **Angular 8** which helped the company close **critical backlogs** due to **version conflicts**.
- Integrated **sentry (an open-source tool)** for better **error/bug reporting** in the product which helped the product create an efficient mechanism for capturing **bugs automatically**.