# AMAN KUMAR

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## EXPERIENCE

### Software Development Engineer 1
**Medly Software Systems LLP**

📅 Apr 2022 – Present          📍 Pune, Maharashtra

### Intern Developer
**Medly Software Systems LLP**

📅 June 2021 – March 2022          📍 Pune, Maharashtra

- Medly is a full-service, digital pharmacy that offers free prescription delivery for all types of medications.
- Worked on developing Medly's public-facing **RESTful APIs** for Medly partners.
- **Tech stack: Kotlin, Micronaut, PostgreSQL, DynamoDB, Kinesis, Serverless, Kotest, Terraform, OpenAPI**

## PROJECTS

### Partners API
**Medly Project**                    **September 2021 - Present**

- Implemented **OKTA OAUTH 2.0** for authentication and authorization
- Used **event-driven architecture** to trigger events and communicate between decoupled services.
- Developed different sets of APIs using the **spec first** approach.
- Built a **Global error response processor** responsible for handling an API's error responses.
- Set up **logging and monitoring tools** for the observability of APIs.
- Scripted local setup for a backend service using **localstack**, **mountebank** and **Shell Scripts**
- **Refactored** codebase as suggested by seniors, paired with senior engineers for on-call issues.
- Built **reusable Github workflows** that were used by various teams of the organization.
- Implemented **API validators** using **Micronaut AOP**.
- Deployment to the production environment and communicating the relevant changes to stakeholders.
- Debugged **production issue** and wrote an **RCA** for that.
- Set up AWS **X-ray tracing** for investigating the performance bottlenecks.
- Introduced **Kinesis event filtering** for lambdas at the infrastructure level.
- Optimized **error handling strategies** for Kinesis event handlers.

### Aapan Bihar - A Post Writing Website
**Self-Learning Project**                    **May 2020 - Aug 20**

- This website is for one who loves to **create posts like blogs, poetry, story**.
- This website provides various options like Create Post, View Post, SignUp, SignIn, Draft Post, SignOut, Like, Comment and Share.
- The website is developed using **Django, Bootstrap, Heroku**

## EDUCATION

**B.Tech in Computer Science**
**Lovely Professional University**

📅 July 2018 – July 2022          **CGPA : 8.5**

## SKILLS

**Languages:** Kotlin, Python, C++, Java, HTML, SQL

**Framework:** Micronaut, Django, REST API

**Database:** PostgreSQL, DynamoDb

**AWS Services:** Lambda, Kinesis, API Gateway, RDS, S3, Secret Manager

**Testing:** Kotest, Mockk, Junit, Cypress

**Tools:** Git, Gradle, Sonarqube , Detekt, Projen, Github Actions, Serverless

**Practices:** TDD, Agile, Clean code, CI/CD, Event-Driven, Micro-Services

## CERTIFICATES

**Data Structure and Algorithm**
Completed a self-paced 8-week-long online course offered by **GeeksForGeeks**

**Azure Fundamentals (AZ-900)**
Passed the examination of AZ-900, a fundamentals certification exam for **Microsoft Azure**

## ACHIEVEMENTS

- Achieved **5 Star** Gold Badge in **Python** on **Hacker rank**
- Participated in **Flipkart Grid Challenge** Round1.
- Secured 3rd Rank in Talent Search Examination Organized By ABVP.

## LANGUAGES

**English**     ●●●●○
**Hindi**       ●●●●●