

Aman Kant Kashyap

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Objective:

Professional with over **3+ years** of hands-on **experience** in **startup** environments. Eager to transition to the corporate world and leverage my expertise in developing scalable code and designing robust infrastructure. Seeking new opportunities to contribute to and thrive in an enterprise setting, where I can continue to learn and apply my skills to drive innovative solutions.

Technical Skills

- **Programming Languages:**
 - **Java - Very Proficient**
 - Python – Basic
- **Frameworks:**
 - **Spring Boot** - Experience in **building** new production **projects** from **scratch** and migrating from other frameworks.
- **Database Management:**
 - **MySQL** - Strong knowledge.
- **Cloud:**
 - **AWS** - Extensive Daily use of **AWS Console** and **AWS SDK** with knowledge **15+ AWS services**.
 - **Azure** – Regular use of **Azure Console** and **Azure SDK** with knowledge of **VM, V-net & IAM**.
- **Version Control:**
 - **Git** - Experience of handling production code base using **GitHub** as daily responsibility
- **Software Development Methodologies:**
 - **Agile** - Experienced in **Jira Console**.
 - **Scrum** – Experience of **Weekly Sprint planning** and **Monthly release plans**.
- **Build Tool:**
 - **Gradle** – Used Gradle for building all the java projects.

Work Experience

Team Lead & SDE-2 (Nimesa Technology) Bengaluru, Karnataka India.

May 2022 – Present

- Implemented major features in the existing product by learning and integrating various AWS services using the **AWS Java SDK**, including **DynamoDB, EFS, FSx, Lambda, EKS, ECS, ECR, and Route 53**.
- Successfully **developed** and launched two new **microservices**, one for **Azure Services** and another for **EC2 Archive to S3**, currently live in production.
- Created a **Disaster Recovery product** for **Azure Cloud** from scratch using **Azure Resource Manager (Azure SDK)**, involving research and design.
- Identified and **resolved complex issues** within the product, including debugging **Java memory leaks** and fixing **Java Native Thread Leaks**.
- Led the implementation of **low-level design (LLD)** for a cutting-edge Spring Boot project, incorporating advanced design patterns such as **Adapter, Factory, Builder, and Singleton**.
- Designed and implemented a **multithreaded low-level design** for running multiple backups simultaneously, optimizing machine resources.

- Implemented **Spring AOP** to streamline logging processes
 - Established and scaled the tech **team** from **2 to 9 members**, including designing the interview process and conducting interviews.
 - Managed **GitHub repository**, performed **code reviews** for **feature releases**, and handled daily **merges**.
 - Resolved **customer production issues** and actively participated in **Proof of Concept (POC)** issue resolutions.
- Deployed diverse **application infrastructures** on **AWS cloud** for product development and testing purposes, leveraging **container services** such as **EKS** and **ECS**.

Programing Language: **Java** Framework: **Spring Boot** Database: **MySQL** Cloud: **AWS & Azure**
Software/Tools: **Postman, Jira, IntelliJ, Gradle, MySQL Workbench, GitHub Copilot, Linux OS, Docker Hub**

SDE-1 (Nimesa Technology) Bengaluru, Karnataka India.
August 2020 – April 2022 (1.9 Years)

- Developed **RESTful APIs** using **Spring Boot** and **Play Framework**.
- Led the successful **migration** from **Play Framework** to **Spring Boot** for improved performance and maintainability.
- Acquired expertise in designing and implementing a robust **3-tier infrastructure** on **AWS**. Leveraged key services such as **ALB, EC2, RDS, and VPC** to establish an efficient environment for product development and testing.
- Contributed to feature development and performed rigorous unit testing.
- Utilized the **Anima ORM** (Object-Relational Mapping) library for efficient database query management, fostering collaboration through the use of a **Git public repository**.
- Implemented **job scheduling** seamlessly using the **Quartz library**, enhancing the automation and efficiency of routine tasks.

Programing Language: **Java** Framework: **Spring Boot & Play** Database: **MySQL** Cloud: **AWS**
Software/Tools: **Postman, Jira, IntelliJ, Gradle, MySQL Workbench, Linux OS**

Junior Software Engineer (VivaJiva Pvt Ltd previously Humbhi Infotech Pvt Ltd) Mohali, Punjab India.
December 2019 – July 2020 (8 Months Internship Full Time)

- Tuned and improved software source code based upon new user requirements and technical guidelines.
- Migrated old code of **Microsoft Visual FoxPro** to **.NET Core** Framework.

Programing Language: **C# & JavaScript**. Framework: **.NET Core** Database: **MSSQL**
Software/Tools: **Visual Studio code, SQL Server Management Studio (SSMS), Trello**

Education:

Bachelor in **Computer Science Engineering**
Chandigarh University, Mohali, Punjab, India.
August 2017 – July 2020

Diploma in **Computer Science Engineering**
Sant Longowal Institute of Engineering and Technology, Sangrur, Punjab, India.
August 2014 – July 2017