

# SAHIL AMIN

[in LinkedIn](#) | [7006620331](#) | [M sahilaminbuhroo@gmail.com](mailto:sahilaminbuhroo@gmail.com) | [GitHub](#)

## Skills

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- Java | Spring Boot | Hibernate | JUnit | OOP | JavaScript | C# | .NET | MySQL | PostgreSQL | TypeScript | Angular | NoSQL | Git.
- Cloud Computing | CI/CD | | Aws EC2 | S3 | RDS | DMS | Lambda | CloudWatch | ELB | Route 53

## Experience

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### Software Engineer

[Josh Software](#)

Bangalore, Karnataka Jun 2022 – Oct 2023

- In my role I was responsible, for creating and maintaining microservice applications at an enterprise level. I utilized technologies such as AWS, Java, Spring Boot, DynamoDB, SQS and SNS to ensure scalability, reliability, and effective communication between services.
  - To efficiently handle a volume of license requests I implemented AWS Lambda for serverless background workers. This allowed us to seamlessly scale our resources based on demand without any disruptions.
  - I also wrote JUnit tests for API testing, ensuring the reliability and quality of the implemented APIs and Worked closely with the DevOps team to ensure smooth deployment and maintenance of the application.
  - I successfully completed cloud migration projects, specifically Azure to AWS migration, utilizing AWS Database Migration Service (DMS) for seamless data migration.
  - One of my achievements was successfully completing a migration from Azure to AWS using the AWS Database Migration Service (DMS)
- Furthermore, I implemented Continuous Integration/Deployment pipelines.

### Software Engineer

[Novo Cabs](#)

Srinagar, J&K Aug 2021 – Mar 2021

- Successfully transformation of an enterprise fintech application for a prominent client from a monolithic architecture to a microservices architecture, leveraging Spring Boot, Java, and AWS.
- To ensure the best practices in microservices design we employed techniques such as loose coupling, service discovery and containerization. These measures greatly enhanced the maintainability and extensibility of the application.

### Software Engineer, Intern

[NIIT](#)

Srinagar, J&K Jan 2021 – Jun 2021

- Developed a responsive web application for big data processing using Spring and AWS Cloud technologies. Implemented RESTful APIs for JSON file management with Java and real-time keyword searching using JavaScript.
- Optimized MySQL database schema and SQL query performance for large-scale data processing.

### Software Engineer, Trainee

[Think Next](#)

Mohali, Punjab Jun 2020 – Aug 2020

- I developed an Analytics web application, for blood donation called "Blood Share" using Django in python. The platform includes features, like user registration, a search function to find donors and the ability to request blood. To ensure management of blood supply I implemented an automated inventory system. Additionally, I incorporated a feedback system where users can rate their experience aiming to improve the user satisfaction.

## Education

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### Bachelor of Technology

[Punjab Technical University](#)

Mohali, Punjab Jul 2017 – Oct 2021

- Major in Computer Science Engineering.

## Certification

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- [AWS Certified Solutions Architect – Associate](#) Credential id: PVVSQQ9CRF4EQRC5
- [AWS Certified Cloud Practitioner](#) Credential id: CSEKGQPKYM4EQG96
- [SQL and Relational Databases](#) from **Cognitive Class IBM Certified**
- [Certificate in learning python web Development](#) from **Think Next**

## ACHIEVEMENTS

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- Obtained AWS Solution Architect and AWS Practitioner certificates, demonstrating proficiency in cloud computing and AWS technologies.
- Contributed to an open-source project on GitHub, receiving positive feedback from the community and demonstrating a commitment to ongoing learning and development.