

# Amrit Shidling

Visa Status: Stamp 1G

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## Objective

As an experienced software developer, I bring expertise in Java, Data Structures, Algorithms and Microservices. I am eager to leverage my skills and experience in a dynamic environment that fosters growth and offers challenging opportunities. I am seeking a role where I can effectively contribute and continuously expand my knowledge and skills.

## Technical Skills

Java	Spring Boot	Git	Mongo (NoSQL)
Oracle database	PostgreSQL	Jira	Kafka
CI/CD	Docker	Data Structures	Jenkins
Microservices	Python	HTML, CSS	REST API
Redis	AWS services	Object Oriented Design	Machine Learning

## Work Experience

SAP Labs, India	Software Development Engineer	July 2016 - April 2022
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- Lead for Office Integration (Data Integration Functionality) and Feeds and Jam Integration (Collaboration Functionality). These features are actively used by more than 90% of Cloud for Customer (C4C, CRM product of SAP) users.
- Got selected for the prototype development of SAP sustainability product for Cold Play band. The development technologies like Java, Spring boot, RESTful API, SQL and Junit (Mockito) for test cases. This product is designed as a microservice architecture with high availability and low latency.
- Developed the angular application for the Flag, Favorites and Tags functionality for the workspace component of the C4C Application.
- Developed the Functionality called "Home Page Tiles for Team's Ticket Count". This feature helps the user access the team's incident queue. This functionality reduced 3 clicks for the user saving around 15 seconds.
- Developed and maintained different "Homepage Analytic Tiles" solutions, Using Java in the backend and Angular in UI. This feature provides a business data analysis to the user (Business User or Analyst).
- Functional and Technical topic owner of "Role-Based Company Settings" (Authorization Feature), A feature of the C4C web application. This functionality enables key user and end-user personalization and adaptation settings for the Administrator. This functionality helps the company administrator decide on key features enabled for the end user.
- Wrote Technical articles on Office Integration and OData Service. OData is built on the top of REST Service and helps in easy access to SAP backend data.
- Developed Data Retention Restriction and Data Anonymization functionality, for the Office Integration and Feed Integration components, to make C4C production compliant with EU GDPR policy.
- Technical and Functional Developer and Owner of "SAP Add-in for Microsoft Excel". This product helps the user to upload data to the system 4 times faster than the conventional way.
- Lead for maintenance and version control of SAP add-in for Microsoft Excel developed in C# (.Net) programming language.
- Mentored freshers by providing Technical (Java, ABAP, SAP HANA, Java Script, debugging, Automated Testing) and Functional Knowledge (Office Integration, Add-in, Feed and Jam Integration, Company Settings) of the C4C cloud products.
- Involved in code reviews.

- Worked in an agile environment, with TDD, Engaged in customer meetings to comprehend their needs and requirements, while also facilitating planning sessions to prioritise and allocate action items for addressing issues.

## Education

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National College of Ireland	Master of Science	First Class Honors
KLE University (BVBCET), KA, India	Bachelor of Engineering in Computer Science	GPA 8.89

## Achievements

### National College of Ireland, Ireland

- Winner of “AI Hackathon” focusing on SDG goal.
- Received award by Prime Minister of Ireland, **Simon Harries**.
- Winner of “Spot Award” for exceptional contribution to the research work of memory and performance

### SAP Labs, India

- Winner of Invent 2020, A Technical Innovation Hackathon.
- Finalist of Invent 2019, Technical Business Venture challenge. Awarded as “Startup Warrior in Business Strategy Challenge 2019” for developing ML solutions for a business challenge.
- Got selected for the SAP Academy for Engineers 2021 a Multi Dimension Engineering Flagship Immersive program for early talent engineers.
- “Release Champion” Award in Framework team of SAP C4C.

### KLE University (BVBCET), Hubballi, India

- Publication and Presentation: Research paper for IEEE 2016, “Detection of distributed denial of service attacks in software-defined networks”.
- Winner of Code Flicks a Coding Competition in BVB College of Engineering and Technology.
- Winner of Crypt Eco Coding Competition.
- Organized “Web Extreme” Workshop and “Flicks-3D” Coding Competition.
- Member of BVB Tech blues group.
- Winner of “Hackathon (Android App Development)” in National-Level Tech Fest INVENTO 2K1.

## Academic Projects

### KLE University (BVBCET), KA, India

#### Final Year Project: Intrusion Detection System (IDS) in Software Defined Networking (SDN)

- Detection of Distributed Denial of Service (DDoS) attacks, with recourse of Machine learning algorithms such as Naive Bayes, K-NN, K-mean and K-medoid to classify the traffic as normal or abnormal.
- Presented and published ‘IEEE International Conference on Advanced in Computing, Communication and Informatics (ICACCI)’.

#### Automation of Physics and Chemistry lab experiments

- Automation of Physics and Chemistry lab experiments using Android technology and implemented same on a tablet device. More than 1000 first-year students use this application as their curricular lab activity.
- Awarded by the KLE Technological University principal.