

Abhishek Deshmukh

Software Developer

I have been working as a Software Developer primarily developing software applications that provide Web based solutions to businesses with an emphasis on security controls. Most of the projects utilize agile-like development processes using Trello etc. Also have set AWS environments from the ground up for various projects. Have also been directly involved in front-end and back-end development using Reactjs PHP and Python. My day to day involves writing lambda scripts to serve API Gateways or perform various functions. I am a very data centric person who follows appropriate data practices and data protection standards.

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📞 9673470429

🌐 abhishek-rd.github.io/portfolio/

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EDUCATION

B.Tech Computer Science & Engineering

Vellore Institute of Technology, Chennai, India

07/2015 - 04/2019

8.14/10 CGPA

Post Graduate Certificate in Data Science

University of South Australia, Adelaide, Australia

07/2019 - 12/2019

6.5/7.0 CGPA

WORK EXPERIENCE

Data Security Project Specialist

Schneider Electric - Global Data Hub

03/2020 - Present

Bengaluru

Achievements/Tasks

- Part of DDH-DRL Agile Team, reported directly to a Regional CISO who is also the Digital Risk Leader of Global Data Hub of Schneider Electric.
- Built a Data protection pipeline in AWS around the data in the company with the help of a very efficient team to make sure that the data coming into the company and being used in the company is safe, also to make sure company is compliant with GDPR.
- Did some of the High-Level Design (HLD) and most of the Low-Level Design (LLD) for services I worked on in the Data protection pipeline.
- Some of the services in the pipeline I worked on include - **Data X-Ray** – Developed an automated process on AWS in which data is first pulled from sources such as SFTP or EC2 instances then scanned according to project requirements and finally deposited at the necessary destination. - **Access control** – Developed front-end and back-end to manage access control lists maintained on S3 buckets. - **Data Safeguarding Project** – Developed a mechanism to remove access to sensitive files stored on cloud services post the expiry date and developed various internal APIs to service frontends as well.
- Technologies used: AWS Lambda, API-Gateway, AWS Glue, AWS VPC, AWS S3, AWS SNS, DocumentDB, XML, JSON. Bref, ReactJS, Python, PHP.

Project Trainee Analyst

KPIT Cummins Pvt Ltd

05/2018 - 06/2018

Pune

Achievements/Tasks

- Developed an attrition report using data analytics and predictive modelling presented as a Power BI dashboard.

TOOLS, TECHNOLOGIES AND SKILLS

AWS Lambda

AWS S3

AWS API Gateway

AWS Glue

AWS SES

AWS IAM

AWS VPC

AWS Step Functions

Python

PHP

HTML

CSS

JS

NodeJs

JSON

XML

PERSONAL PROJECTS

Influenza Subtype Prediction, University of South Australia

- Used a decision tree to predict the subtype of influenza virus using data from previous outbreaks to provide insights towards readiness for vaccines and preventing the spread of disease.

Workload Based Optimal ATC sector capacity, Vellore Institute of Technology

- Applied a neural network model that helps in computing the optimal ATCsector capacities of the Chennai Flight Information Region.