Abhinaav Singh
abhinaavsingh1@gmail.com • +91-9790206556

EDUCATION

VIT University, Vellore   2012 - 2016
BTech in Computer Science & Engineering. CGPA: 8.17/10.00

Symbiosis International University, Pune   2015 - 2016
PG Diploma in Analytics. Top Ranker. CGPA: 8.74

WORK EXPERIENCE

Intern, Schlumberger   Jan 2016-May 2016
Created a utility to automate the generation and loading of Oil-Facility data onto the dashboard for the Malaysian client, Petronas. Worked with C# & SQL

Software Engineer (Grade 9), Schlumberger   July 2016 - Jan 2018
Designed solution that helped load Exploration and Production data in a fraction of the time taken by previous solution. Successfully filed patent for the same. Worked with Java & SQL.

Implemented automated static analysis for the whole code base of PS using technologies like PowerShell, SQL, C and the tool Cppcheck.

Software Engineer (Grade 10), Schlumberger   Feb 2018 - Present
Implemented the message streaming and queuing framework for a data ingestion service and converted code from monolithic architecture to distributed microservices. Worked with Kafka, Java & SQL.

Implemented microservices to ingest data from on-prem datastore to datalake in GCP. Worked with Java, Typescript, Angular & SQL.

Currently working on plotting various charts dynamically by pulling data from the database and using the plotly package in python. Working with Python, SQL and Angular.

PROJECTS - GITHUB.COM/ABHINAAVSINGH

- Ported the UI of a desktop application to Facebooks GraphQL implementation with Web UI in Dec'18.
- Designed a voice enabled assistant for field engineers using Googles Speech API in python in May'19.
- Implemented a Work in Progress simulator for Scrum in HTML & NodeJS in June'18.

ACHIEVEMENTS

Reward of Excellence, Center Level   Jan 2019
Designed and developed a complex EP data loading framework and reduced the time taken for the same to 10%.

Reward of Excellence, Center Level   May 2019
Designed a voice enabled assistant for field engineers using Googles Speech API and came in the top 10 for Fizz technical symposium.

Reward of Excellence, Team Level   May 2019
Awarded for performance improvement in seismic and well loging data loading process into ProSource.

Winner, Innovista Hackathon   May 2019
Won the yearly Schlumberger hackathon as the Panelists' Choice. The project was to port the UI of a desktop application to Facebooks GraphQL implementation with Web UI.

PATENTS

- (US 62/751988 - 2019) Quality Validation and Decision-Making for Exploration and Production data

CERTIFICATIONS

- Certified Scrum Master/ Scrum alliance, 2019 - Current.
- Certified Scrum Developer/ Scrum.org, 2016 - Current