

VINEET KUMAR LOYER

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Experience

Hitachi Vantara

Intern > Associate > Consultant

Pune, MH, IN

Feb 2021 – Current

- Advised high-profile clients on security measures as a Security Consultant.
- Helped implement a third-party addon for business warehousing at Honda Motors Japan and reduced testing efforts by 60% through GUI scripting.
- Upgraded Nitto-Avecia Ltd's system from version 1909 to 2022, conducting risk assessments and resolving role design issues while implementing workflows for approval processes.
- Automated security month-end processes for Hitachi America Ltd, reducing resource efforts by 12-13hr per month.
- Implemented SAP GRC Components EAM and ARM in sandbox systems.
- Contributed to the development of custom Fiori applications aligned with business requirements.
- Received Pinnacle Award and Bronze Medal for project & non-project contributions.

Education

SRM Institute of Science and Technology

B.Tech, Computer Science and Engineering. GPA 8.94 /10.0

Chennai, TN, IN

June 2017 – June 2021

Relevant Coursework: Data Mining, Data Structures and Algorithms, DBMS, Object Oriented Programming, AI, Cryptography, Operating Systems, Compiler Design.

Army Public School

Higher Secondary – 12th Grade – CBSE – Perc: 88.6%

Pune, MH, IN

2016-2017

AWES Scholarship for 12th Grade

Matriculation – 10th Grade – CBSE – GPA: 9.6/10.0

2014-2015

AWES Scholarship for 10th Grade

Projects

Ideal Methodology Flooding Attack detection using Neural Network

- Designed a self-learning algorithm that can reduce false alarm probability and minimize the amount of burst traffic. The proposed system presents a period-based defense mechanism (PDM) scheme and blacklist to prevent data jamming attacks effectively.

Global Warming Prediction in India Using Machine Learning

- Assessed machine learning algorithm performance on a merged dataset from UCI and the Indian Meteorological Department. Attained 94% accuracy on the trained model. [paper]

Automatic Waste Segregation using CNN

- Made a working model of an intelligent bin that can detect biodegradable and non-biodegradable waste using IoT and Deep learning; the final model achieved a 92% success rate in classification. [paper]

Leadership and Activities

Tahaan

Volunteer

Pune, MH, IN

Mar 2022 – Mar 2023

- Helped in spreading awareness and understanding of rainwater harvesting.

StartEarly

Campus Ambassador

Chennai, TN, IN

Mar 2020 - May 2020

- Worked on sales and support team to increase the startup's reach to a larger audience.

Skills

Database/ Server: MySQL, Postgres, SQL Server, MongoDB, SAP HanaDB

Technologies: Python, C++, Java, R, sci-kit-learn, OpenCV, D3.js, Spark, Hadoop, Matlab, Hive, Knime, JavaScript, AWS services, GCP services, SAP Fiori, Node.js, Express.js

Certifications: SAP System Security (C_SEC_AUTH), AWS Certified Cloud Practitioner (CLF-C02)

Specializations: Big Data Specialization, Architecting with Google Compute Engine