

Siddharth Prince

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LINKS

github.com/sprince0031, linkedin.com/in/sprince0031

EDUCATION

Sep 2023 — Aug 2024

MSc. Artificial Intelligence & Machine Learning, University of Limerick

Limerick

Relevant coursework: ML Python libraries (Scikit-learn, numpy, pandas, matplotlib, seaborn), Pytorch, CNNs & different architectures, Computer Vision, NLP, Unsupervised learning, Reinforcement Learning, Deploying ML models in AWS

Accumulated QCA: 3.8/4.0*

*Pursuing degree. Currently working on masters thesis (Digital Staining for Breast Cancer Immunohistochemistry Score using Stable Diffusion).

All my assignments/reports/project work done for this course can be found at github.com/sprince0031/UL_Masters

Aug 2016 — May 2020

B.E Computer Science and Engineering, Veltech Multitech Engineering College

Chennai

Relevant coursework: Object Oriented Programming, Software Engineering, Data Structures & Algorithms, C/C++, Java, Web development (HTML, CSS, JavaScript), Operating Systems, Computer Architecture, DBMS, Computer Networks

CGPA: 7.12/10 (first class honors)

EXPERIENCE

Jul 2020 — Jul 2023

Software Development Engineer, Zoho Corporation Pvt Ltd

Chennai

- Developed and maintained core Java back-end components for the ManageEngine suite of products (enterprise IT management and security solutions) as part of the framework team.
 - Inferred important insights from customer and product performance data and proposed solutions to help the framework team optimise processes and prioritise tasks in the development pipeline.
 - Reviewed, coordinated with multiple teams and rolled-out critical security and bug patches to our premier endpoint management software used by more than 30,000 organizations and more than a million endpoints as part of the 2-member emergency fix coordination team.
 - Played a crucial role in mitigating the impact of a zero-day exploit that affected a majority of the user base.
 - Took the initiative and wrote the rule book for all the processes involved from requirement to successful multi-stage roll-out and analysis of an emergency fix for the product which all technical teams adhered to. This made the process consistent and streamlined.
 - Mentored and led a small team of two developers to improve and automate the emergency fix pipeline which improved the time-to-release metric significantly.
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SKILLS

Pytorch

Python

Java

CNNs

Deep Learning architectures

Reinforcement Learning

Machine Vision

NLP

AWS

Git

REST APIs

Linux

HTML & CSS

JavaScript

JSON/XML

SQL

PostgreSQL

Junit

InstallShield Scripts

Apache Ant

INTERNSHIPS

Jan 2020 — Jun 2020	Project Trainee, Zoho Corporation Private Limited <div>Chennai</div> <ul style="list-style-type: none">Developed and had ownership of a migration tool in collaboration with multiple non-technical teams such as marketing and legal to help bring customers to our enterprise IT management solutions product from competitors' offerings such as Microsoft SCCM. This eventually got integrated to a larger data and ecosystem migration software offering.Built an internal training tool from the ground up that installs and sets up the WebGoat platform and shipped it in under a week. It is being used by new employees in the company to learn about computer security and penetration testing as part of their on-boarding program.
May 2019 — Jun 2019	Summer Research Intern, National Institute of Technology -- Tiruchirappalli <div>Tamil Nadu, India</div> <p>Completed a project titled "Machine Learning Algorithms for Identification of Solar PV faults" which involved differentiating internal faults in a Solar PV module from outside shading conditions (false positives) using Machine Learning classification algorithms.</p> <p>Links:</p> <ul style="list-style-type: none">Project reportProject code (Jupyter notebook)

CERTIFICATIONS & EXAMS

Mar 2024	AWS Academy Machine Learning Foundations <div>Grade: 100%</div> <div>Credential: https://www.credly.com/badges/8839dc7c-803d-41e3-8dfd-29c09c5c6a38/public_url</div>
Apr 2024	AWS Academy Cloud Foundations <div>Grade: 100%</div> <div>Credential: https://www.credly.com/badges/3a676eb9-6bba-4aa0-a63e-b18eb5960ecf/public_url</div>
Nov 2022	IELTS <div>Overall score: 8.0 (CEFR Level - C1)</div>

LANGUAGES	English	C1	Hindi	Highly proficient
	Tamil	Native speaker	German	A1
	Malayalam	Native speaker	French	A1

REFERENCES	References available upon request
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