KUMAR RAKESH SINGH

CONTACT

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EDUCATION

2024 - 2026
STOCKHOLM UNIVERSITY

- Master's degree, Information Security

2015 - 2017
VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, ODISHA,INDIA

- M.Tech, Computer Science and Engg, GPA: 8.57/ 10

SKILLS

- Advance C Programming
- C++
- Linux Scripting
- Perl Scripting
- PL/SQL
- HTML, CSS, Java Script
- Python
- Latex

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Odia (Fluent)
- Swedish(Basics)

PROFILE

I am currently pursuing my Master's in Information Security at Stockholm University, where I am going to deeply expertise in security and forensic aspects of cyberspace. I am interested in program analysis, application security, software security, cybersecurity using Natural Language Processing, and Cybersecurity using text processing.

I am looking for an internship or Research Assistant position in Sweden, the UK, or the EU.

TEACHING AND INDUSTRY EXPERIENCE

Sri Sri University 2020 - 2024
Assistant Professor

- I taught data structure using C, Web Technology, Networking, Software Engineering, Linux Shell programming, and OOPs using C++.
- Enhanced students' communication ability by taking seminars and presentations on a weak basis.
- Handled the entire examination work for our department.

Gandhi Engineering College 2019 - 2020
Assistant Professor

- I taught Computer Network, Data communication, and Software Engineering.
- Worked as a proctor and class teacher of students to guide in their education and day to day problems.

Veer Surendra Sai University of Technology 2017 - 2019
Guest Faculty

- My thesis result was published in Elsevier Procedia Computer Science (New Results on Competitive Analysis of Move To Middle(MTM) List Update Algorithm using Doubly Linked List - ScienceDirect).
- I took theory classes such as C++ programming, Graph Theory, Compiler Design and construction, and labs such as C, C++, Data structure, Algorithm, and Compiler Design.
- Labs conducted: C, C ++, Data structure, Algorithm, and Compiler Design.

HCL 2010 - 2012
Lead Engineer

- Worked for Microsoft.
- Led a team of 4 persons to increase the project efficiency by properly distributing work among the team and checking the work status at EOD.
- Tested the new version of Microsoft products using various monitoring tools and helped C# and mainframe developers change the existing C and C++ code by telling them the code flow.

TCS 2006 - 2010
Assistant System Engineer

- Worked for Summer Field, British Telecom, and IDEARC.
- Efficiently implemented some automation code while providing maintenance and support of ETL applications and the Version Control part of the Enterprise application.
- Successfully implemented an internal testing tool written in Perl Script.