NIMER A. SINGH

Security and Cloud Computing (SECCLO)

INTERESTS

Cloud Computing Enthusiast, Passionate About Information Security

SKILLS

Languages: Python, C, JavaScript, Dart, Bash

Web: NodeJs, ReactJS, Flask

Database: MySQL, NoSQL

Cloud: Google Cloud

Blockchain:Hyperledger Fabric, Ethereum

LEADERSHIP

Supporting Committee - ESN, NTNU
[August 2023 - Present]

Treasurer – Rotaract Green Club, MUJ
[July 2018-May 2019]

General Secretary - Panacea, MUJ
[Jul 2018-May 2019]

Head of Design - Phi Phenomenon, MUJ
[Jul 2018-May 2019]

Executive Committee Member for Blood Donation Camp 2018, MUJ, donor count -1703

HOBBIES

Stand Up Comedy, Formula 1 aficianado, Graphic Design

CONTACT INFO

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- github.com/nasbaweja

EXPERIENCE

Aalto University, Espoo, Finland | Research Assistant - Arto Hellas
April 2023 - August 2023

• Designed and built an AI-assisted programming platform to enhance code quality and promote best practices which focus on personalized feedback as part of an ongoing PhD research project.

• Developed scalable databases for improved performance, security, and maintenance.

• Collaborated with cross-functional teams to design, develop, & implement a robust application, utilizing Svelte, JavaScript, Python, and introduced scalable grading systems for assignment submissions.

Aalto University, Espoo, Finland | Teaching Assistant - Tuomas Aura
August 2022 - April 2023

• Teaching Assistant for the courses Information Security, Network Security, and Laboratory works in Networking & Security.

Shivoham Techno Services, New Delhi, India | Team Lead
August 2020 - February 2022

Shivoham automates and integrates industrial manufacturing and smart electrical grid systems.

•Lead a team of 6 R&D and production engineers.

•Developed smart city electrical grid management applications and automation solutions for the hospitality industry, using various technologies and deploying them on Google Cloud.

•Headed quality management and assurance division to improve resource rationalization, process efficiency and cost-effective solutions.

•Successfully managed project budgets and timelines to meet scheduled targets.

Dell International Services, Hyderabad, India | Software Developer Intern
May 2019 - July 2019 (Customer Satisfaction); January 2020 - May 2020 (Availability Command Center)

• Analyzed the processes of Availability Command Center Team (ACC) to identify tasks for automation and implement them & created dashboards for supply chain t o reduce customer support response time.

• Developed & deployed a Python based automated system for translating thousands of customer reviews in multiple languages on Dell website to English for the Customer Satisfaction Team (CSAT Team)

RESEARCH EXPERIENCE

Implementation and Analysis of Blockchain Based DAPP for Secured Sharing of Students' Credentials.
2019 - Research Paper, IEEE Consumer Communication and Networking Conference 2020
DOI: 10.1109/CCNC46108.2020.9045196

EDUCATION

Norwegian University of Science and Technology (NTNU), Trondheim, Norway
August 2022 - May 2024 (Erasmus Mundus Programme for Security and Cloud Computing)
Remarks: Ongoing Studies

Aalto University, Espoo, Finland
August 2022 - May 2024 (Erasmus Mundus Programme for Security and Cloud Computing)
Remarks: Ongoing Studies

Manipal University Jaipur (MUJ), Jaipur, India
August 2016 - July 2020 (Bachelor of Technology in Computer & Communication Technology)
Remarks: CGPA: 9.1/10 - Gold medal for academic excellence, Scholarship for academic excellence