NIKHITHA GURURAJ

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EDUCATION

Class	% or CGPA	College/School	Passing Month/Year
B.E (CSE)	9.21	BNM Institute of Technology	August 2021
II PUC	94.8	KLE Independent PU College	June 2017
10	98.4	Sri Vani High School	June 2015

PROJECTS	**Sentiment Analysis of COVID-19 Tweets**, an NLP based project where Indian tweets during the pandemic were analyzed using Python libraries. **Online Art Portal**, a web application which allows users to sell/post artworks. **Aquatrace 2.0** and **Aquatrace**, an IoT lake monitoring system with the 2.0 being wireless using Raspberry Pi and Arduino **Underwater Image Enhancement and Detection**, an underwater object recognition system with an effective image enhancing model **Underwater Image Enhancement Using Generative Adversarial Network (GAN) With Residual Blocks and EDL Penalty**, a GAN based deep learning network for image enhancement
INTERNSHIP	- MLDL Summer internship at SmartBridge Educational Services Private Limited (Jul 2020 – Aug 2020) Worked on a Chronic Kidney Disease Analysis project - Internship at 42Gears Mobility Systems Pvt Ltd (Mar 2021 – Jul 2021) Worked on bug and security related fixes in SureMDM project
WORK EXPERIENCE	**Member Technical Staff**, 42Gears Mobility Systems Pvt Ltd (Aug 2021 – Nov 2022) Worked on several features and bug fixes for SaaS variant of SureMDM Was a member of the development team that released the k8s based on-premise variant of SureMDM Worked on the initial POC for a VPN based feature
COURSES	- Secured A+ grade in a Workshop on Basic Python Programming offered by FOSSEE project, IIT Bombay. - Secured Elite Certification in NPTEL Online Certification Course – Cryptography and Network Security - Completed the OWASP Top 10 learning path on the top security vulnerabilities from LinkedIn Learning
AWARDS	- Awarded Zing performance award (Sep 2022, Nov 2022) - Co-author of the **copyright** work Underwater Image Enhancement Using Generative Adversarial Network with Residual Blocks and EDL Penalty - Secured 1st place in a hackathon conducted by Incredible Minds - Won Project Championship Award for '**Aquatrace**' in the IPLC - Winter 2018 - Won the Best Project at Department Level for 'E-Plant Technology: Germinate and Generate' in the Innovative Project Lab Competition (IPLC) - Summer 2018
TECHNICAL SKILLS	- Languages: C#, Python, Bash scripting - Development Platforms: Arduino, Raspberry Pi, GCP - Other technologies: Docker, Kubernetes, .NET core
OTHERS	- Member of BNMIT NSS for 3 years - Participated in various hackathons and science fairs