

SHADA FAISAL

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Career objective

To pursue a challenging and growth oriented career in software development at a reputed organization contributing to their development and thus expanding my knowledge and skills.

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech (Computer Science and Engineering)	NIT Calicut	8.76	2019-Present
Class XII	Silver Hills (CBSE)	96.6%	2019
Class X	Auxilium NavaJyothi (ICSE)	97%	2017

Experience

- **Software Engineering Program Intern at JP Morgan & Chase** **May 2022-July 2022**
Worked in AWS cloud solutions team in technology sector of Investment banking.
- **Computer Programming Teacher at Superprof** **May 2021-Present**
Teaching high school students on computer programming languages (C/C++/Python), engaging them in practical applications along with clearing the theoretical concepts.

Skills

- Programming Languages: C, C++, Python
- Coursework: Data structures and algorithms, Computer Networks, Operating System, Discrete Mathematics, DBMS, Software Engineering
- Data Mining, Machine Learning algorithms, Deep learning and Neural networks
- Frameworks : Flask, Bootstrap, Django
- Databases: MySQL, PostgreSQL
- HTML , CSS , Javascript
- Others : Git, Linux, AWS cloud services
- Interpersonal, leadership and communication skills

Certifications

- Neural Networks and Deep Learning
<https://www.coursera.org/account/accomplishments/certificate/R9YBBB2NH42S>
- Applied Machine Learning in Python
<https://www.coursera.org/account/accomplishments/certificate/E45HT6GNFWPQ>
- Structuring machine learning projects
<https://www.coursera.org/account/accomplishments/certificate/WQULHDUWRR3W>
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization.
<https://www.coursera.org/account/accomplishments/certificate/U3PZ9S8QZRU4>

Projects and Technical Experience

- **Internship project – Orphaned resources in AWS account**
AWS resources are provisioned through terraform and a terraform destroy deletes all the resources from terraform workspace. But sometimes due to allied services, all of the resources don't get deleted from the account even though it is destroyed through terraform. A CLI tool was developed to identify those orphaned resources and list the debris in the account to save AWS costs in future.
- **Code for good hackathon**
A web application was built for the NGO, Indian Housing Federation, for different stakeholders to collaborate using Django, HTML and CSS. Cleaned, analysed and visualized the data of collaborations for the new stakeholders to have a better insight using numpy, pandas, matplotlib.
- **Voice email Application**
A voice mail application in Python used to send emails by recording the subject with microphone as well as by uploading the recorded audio file of the body of the mail. Made use of the speech_recognition library of Python for handling speech.
<https://github.com/shada-01/Voice-mail-application->

Roles and positions

- **Joint Secretary of Club Mathematica** , actively holding roles in content writing, marketing and technical team.
- **Technical Coordinator** of Women in Engineering IEEE NITC SB.
- **Executive member of Computer Science and Engineering Association (CSEA)** , NIT Calicut
- Program and Public Relations committee executive of annual technical fest of NIT Calicut Tathva and annual cultural fest Ragam.