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Education

FAST-NUCES, **Fai**salabad **202**0 **Pre**sent **Bac**helor **of Sci**ence **in Com**puter **Sci**ence **GPA**: **3.3**8/4 **Cou**rsework: **Dat**a **Str**ucture, **Alg**orithms **Ana**lysis, **DBM**S, **Ope**rating **Sys**tem, **Web Dev**elopment, **CN**

Experience **FAS**T-NUCES **202**2 **– 202**3 **Pro**gramming **Fun**damentals **And Obj**ect-Oriented **Pro**gramming **Tea**ching **Ass**istant **Fai**salabad •**As**sisted **in tea**ching **Obj**ect-Oriented **Pro**gramming **and C++ to 60 stu**dents. •**Pr**epared **and gra**ded **wee**kly **ass**ignments **and qui**zzes **for 28 wee**ks.

FAST **Cod**ing **Clu**b **202**2 **Pre**sent **Tec**hnical **Tea**m **Mem**ber **Fai**salabad •**Pr**oblem **Set**ter **for var**ious **uni**versity **eve**nts. •**Su**ccessfully **con**ducted **and led a Web Dev**elopment **Boo**t-camp **for 60 Stu**dents.

Projects **Arc**ade **Sto**re |**Ex**press **js, Nod**e **js , MyS**QL **Git**hub •**De**veloped **gam**es **pur**chasing **sto**re **web**site **wit**h **CRU**D **ope**rations. •**Im**plemented **Nod**emailer **for sig**nup **and for**get **pas**sword **ver**ification. •**En**abled **use**rs **to add ite**ms **to the car**t **and Wis**hlist. •**Ut**ilized **Soc**ket **IO to imp**lement **a cha**t **for**um. **Po**rtfolio |HTML, **CSS**, **Jav**aScript, **Nod**eJS **Dem**o •**In**cludes **sec**tions **for Hom**e, **Abo**ut, **Pro**jects, **and Con**tact **Us, wit**h **sea**mless **err**or **han**dling **for inc**orrect **end**points. **Tra**nsport **Man**ager |**An**droid **Stu**dio **Git**hub •**De**veloped **a rob**ust **And**roid **app**lication **enc**ompassing **use**r **and adm**in **mod**ules. **Adm**ins **wer**e **emp**owered **wit**h **CRU**D **fun**ctionalities, **lev**eraging **Fir**ebase **Sto**rage **for eff**icient **dat**a **sto**rage **and man**agement **of Use**rs **and rou**te **inf**ormation. •**Im**plemented **rea**l-time **cha**t **for**um **and sto**red **mes**sages **in Fir**ebase **Rea**ltime **Dat**abase. •**En**abled **eli**gible **stu**dents **to gen**erate **QR cod**es **for aut**hentication **and live loc**ation. **Kui**ck **Rea**der |**No**deJs, **Res**tApi, **AWS, OAu**th, **Doc**ker •**Co**llaboratively **dev**eloped **a PDF opt**imization **too**l **aim**ed **at enh**ancing **rea**dability. **Led the API dev**elopment **for oAu**th **aut**hentication, **sea**mless **fil**e **upl**oads, **and use**r **fil**e **man**agement. •**Le**veraged **AWS S3 for eff**icient **PDF sto**rage **and har**nessed **AWS Dyn**amoDB **to sto**re **lin**ks. •**Ut**ilized **Doc**ker **to orc**hestrate **the dep**loyment **of Nod**e.js **and Mon**goDB **com**ponents, **str**eamlining **the set**up **and man**agement **of our dev**elopment **env**ironment. **Ach**ievements •**Kn**ight **(19**80 **Max Rat**ing). |**Le**etcode •**2 Tim**es **won FCA**P **Spe**ed **Pro**gramming **Com**petition. •**So**lved **mor**e **than 150**0 **DSA Pro**blems **on dif**ferent **pla**tforms. •**5 Sta**r **on Hac**kerrank. **Tec**hnical **Ski**lls **Lan**guages : **C++**, **Pyt**hon, **Jav**aScipt, **SQL**, **JAV**A **Tec**hnologies : **Nod**eJS, **Exp**ressJS, **AWS**, **Azu**re, **Doc**ker, **K8s**, **Jen**kis, **Mon**goDB **Sof**tware **& Too**ls : **Ubu**ntu, **VSC**ode, **PyC**harm, **And**roid **Stu**dio, **Vis**ual **Stu**dio **Int**erests •**Co**mpetitive **Pro**gramming. •**Ga**ming. •**An**ime.