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IITGandhinagar linkedin.com/in/g-b-harshavardhan

EDUCATION

Degree Specialization Institute Year CPI

B.Tech ComputerScience&Engineering IITGandhinagar 2019-Present 8.03

HSCBIEAP Physics,Chemistry,&Mathematics NarayanaCollege 2019 9.88

SSCCBSE - NarayanaCollege 2017 10.0

WORKEXPERIENCE

• SoftwareIntern [TrumindsSoftwareSystems] May-Jul2022

◦ Coordinatedinateamoffourtoprogrammicro-servicesincludingNETCONFclient,Configuration,

andPerformanceManagementApplicationasapartofthe5GNetworkManagementStationli

◦ DevelopedaRESTAPIandusedNATSmessagingtoenablecommunicationbetweenvariousmicro-

servicesandusingprotocolbufferstoserializethedatabetweendifferentmicroservices

◦ Integratedthedistinctmicro-servicesanddeployedtheprojectoncloudserverbybuildingDocker

containersforalltheapplicationsalongwithworkingontechnologieslikeInfluxDBandKubernetes

• Freelancer(SolutionWritingProject)[Toppr] Feb-Mar2022

◦ SuccessfullyclearedthefreelancerscreeningtestconductedbyTopprfor100+applicantsfromvari-

ouscollegesresponsibleforclarifyingthedoubtsofschoolstudentsofclasses11thand12th

◦ Solved80+chemistryproblemsfromthestudymaterialofthegradeofcompetitiveexamsconsisting

ofmultiplechoicequestions,andbrief&longanswerquestionswithin20days

PROJECTS

• DataAnalysisofWorldIneuqalityandthePandemic[Prof. AnirbanDasgupta] Mar-Apr2022

◦ Documentedacomprehensivereportonincome,economic,andcarboninequalitiesinterpretingraw

datasetsvisuallyfollowedbydrawingqualitativeinsightsfromthegeneratedplots

◦ Built a Computational Neural Network (CNN) model for Covid-19 detection through chest X-rays

attaining90%accuracyandanalyzedcorrelationsbetweenregistereddeathsandhealthcarecentres

• FinancialMarketsExperienceProgram[Finlatics] Feb-Apr2022

◦ ManagedavirtualportfolioofBSE500stocksselectedbasedonfundamentalanalysisandconducted

SWOTandPorter’sfiveforcesanalysisforfourcompaniesfromBankingandAutomobilesectors

◦ Securedapositionamongthetop10%Ofportfoliomanagersparticipatingfrom60+collegesacross

Indiabygenerating50%returnshavingvirtualholdingsworthRs. 3,00,000eventually

• MNISTDigitDetectionusingVerilog [Prof. JoyceeMekie] Sept-Dec2020

◦ ProgrammedaCNNmodelinVivadoandPythontodetectnumbersintheMNISTdatasetbased

onthepixelvaluesofthedatapointsavailableasimagesthroughmachinelearningtechniques

◦ DevelopedtheAdder,Multiplier,Neuron,NeuralLayer,andActivationFunctionsub-modelsfrom

scratchbytakinginputasfloatingpointnumbersandeventuallyintegratedthemtorunthemodel

POSITIONSOFRESPONSIBILITY

• GullyCricketCoordinator[Hallabol2021] Sept-Oct2021

◦ OrganizedGullyCricketunderHallabol,theintra-collegesportsfestivalofIITGandhinagar,witness-

inganoverallfootfallof800+participantsfromstudentsaswellasstaffmembersoftheinstitute

◦ Ledateamoffourresponsibleforlookingafterschedulingofmatchesbetween60+registeredteams,

addressinglogisticalconcerns,crowdmanagement,andseamlessexecutionoftheevent

EXTRA-CURRICULARACHIEVEMENTS/ACTIVITIES

• SecuredfirstpositioninGullyCricketandDodgeballgamesoutof50+teamsasapartofHallabol2021

• SecuredapositionintheInterIITCricketSquad2019outof50+competingplayersfromtheinstitute

• CaptainedateamintheCricketCombatLeague2022andbaggedrunners-uppositionoutofeightteams

TECHNICALSKILLS

• Languages: Python,C,C++,Verilog(Beginner),Go,MySQL,PostgreSQL

• Tools: AutodeskInventor,JupiterNotebook,LaTeX,VSCode,GitHub,Docker,VMware,Postman

• Moocs:FinancialMarkets,FinancialAnalystCourse,TheCompleteInvestmentBankingCourse

ATS Keywords Added: google, html, django, flask, aws, azure, exposure, strong, troubleshoot, understanding, required, agile, maintaining, design, reviews, containerization, define, related, existing, abilities, ensure, ship, programming, control, (eg, features, relational, cross-functional, familiarity, databases, participate, developer, apis, independently, implementation, ability, problem-solving, high-quality, good, (javascript, ideal, development, preferably, collaborate, candidate, css), best, scalability, new, seeking, backend, proficiency, maintain, qualifications:, expertise, version, coding, frameworks, motivated, responsibilities:, optimize, knowledge, teamwork, such, key, adherence, platforms, restful, practices, dynamic, skilled, orchestration, frontend, methodologies, join, web, debug, mysql), front-end