Naseem Shah

Computer Science UG

Personal Info

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Languages

English Malayalam Arabic Hindi

Skills

Soft Skills

Problem Solving   Communication   Teamwork

Leadership   Multitasking   Attention to detail

Programming   Creativity   Networking

Development skills & tools

C/C++   JavaScript   Node.js   ReactJS   Java

Python   Numpy   Pandas   MatPlotLib   Git

Three.js   Cloudflare   Google Cloud   OOPS

SQL   MongoDB   Firebase

Design & Media skills

After Effects   Photoshop   Adobe XD   Audacity

Videography   Video-Editing   Illustrator   Figma

Motion Graphics   Photography   3Ds MAX

Education

● **B.Tech Computer Science,**
Cochin University of Science and Technology (CUSAT)
(Expected Graduation: 2022) 8.0 CGPA

Interested in: Data Structures & Algorithms, Object Oriented Programming, Database Managment Systems, Artificial Intelligence and Mathematics.

◆ Core commitee member of Association of Computer Science Engineering Students.
◆ Active Lead in Tech & Media core commitee of university tech-fest.

Work Experience

● **Software Engineering Intern ***

◉ **Open Water Accelerator** • **Menlo Park, CA, USA (Remote)**

Responsibilities: Designing, Developing, unit testing and documentation.

* Selected as a software engineering intern for fall 2020

● **Design & Development Intern** NOV 2019 - MAR 2020

▦ **HAPIENS Digital (P) Ltd** • **Kochi, India**

Responsibilities: UI/UX Design and Fullstack Development.

◆ Improved company productivity by automating messaging in Telegram group.
◆ Automated and scaled complex manual company tasks and workflows.
◆ Collaborated with the team, participated in meetings and presented innovative ideas.
◆ Tested, debugged and improved code which drastically improved performance.

● **UI/UX Research Intern** JUN 2019

(⋏) **CodeSteak LLP** • **Kochi, India**

Responsibilities: UI Design and prototyping.

◆ Designed User Interfaces and prototypes for client websites.
◆ Developed websites from full-fledged prototypes.
◆ Conducted user research and usability tests.
◆ Collaborated with the team and presented well planned and scalable designs.
◆ Revamped existing designs and experiences which improved user experience.

● **Graphic Designer** • Part time 2016-17

SAT Focus, Salih Abu Talib Est • **Jeddah, Saudi Arabia**

Responsibilities: Graphic Designing & Photography

◆ Boosted the business by designing promotional content.
◆ Developed a website for the business attracted more clients.
◆ Setup Live streaming for clients' events to the web using YouTube and OBS studio.
◆ Collaborated with other team members to bring next-level production quality.

Projects

● **Graphs Visualizer**

A Visualizer that allows you to draw *directed graphs* and shows the *corresponding matrices.* Visualization of *various algorithms* are to be implemented in future releases.

👁 *https://naseemshah.github.io/graph-visualizer/*   ◐ *https://github.com/naseemshah/graph-visualizer/*

◆ **Technologies used:** Javascript, HTML Canvas, CSS, Panzoom.js.
◆ Used Object Oriented programming for better code reliability & maintenance.
◆ Tested & Debugged in pre-production and Beta.
◆ Implemented feature requests and bug fixes from Github Issues & Pull requests.

● **WebChat**

A chat application made with ReactJS, Node.js and WebSockets.

◉ *https://github.com/naseemshah/WebChat*

Paraspar - P2P Video Chat

A simple P2P Video chat application made with WebRTC, WebSockets, Node.js and React.

 https://github.com/naseemshah/Paraspar

- ◆ Reasearched UI/UX for the application and made UI/UX Prototypes.
- ◆ Tested & Debugged in pre-production.
- ◆ Implemented feature requests and bug fixes from Github Issues & Pull requests.

WeatherX

WeatherApp made using React JS by utilising OpenWeatherMap API and Unsplash API for photos related to current weather. Used GSAP for amazing animations.

 https://naseemshah.github.io/WeatherX/   *https://github.com/naseemshah/WeatherX*

Daily Messages Telegram Scheduler

A Telegram Bot that posts scheduled messages. The messages which include images with caption and custom message is stored in MongoDB. This is managed on a Express.js Server in Node.js.

 https://github.com/naseemshah/daily-message-telegram-bot

Doctor Patient Record System

A doctor-patient management system. Doctors can add prescription and medical history. Patients can view their medical progress.

 https://github.com/naseemshah/doctor-patient-record-system

- ◆ **Technologies used:** Javascript, PHP, SQL and Bootstrap.

RefractionX Simulation

Interactive physics simulation on refraction made using Javascrpit and HTML+CSS.

 https://naseemshah.github.io/RefractionX/   *https://github.com/naseemshah/RefractionX/*

Python Reminder Alarm

A Command Line Python Application to create, view and update reminders and create alarms for a set time. Used SQL for Database.

 https://github.com/naseemshah/python-reminder-alarm

Leadership & Volunteering

GDG Cochin
- · GDG Cochin Organizer.
- · Lead of volunteers.
- · Community Contributor.
- · Planned & Organised events.
- · Held core committee meetings

TEDxCUSAT
x=independently organized TED event
- · Lead core tech and media team.
- · Made promotional contents.
- · Assisted in website building.
- · Lead volunteers for the event.
- · Helped speaker curation team.

Facebook Developer Circles
- · Lead of Design and Media Team.
- · Co-ordinated with other Leads.
- · Managed volunteers in events.
- · Contributed promotional content.
- · Made automated registration system.

Developer Students Club
- · Media & Tech Lead.
- · Assisted with DSC lead & core team
- · Hosted multiple events & sessions.
- · Held core-commite meetings.
- · Presented ideas for future events

TinkerHub Foundation
- · TinkerHub Foundation core team.
- · Organizing Lead of TinkerHub CUSAT
- · Volunteered and organised Events.
- · Community Management.
- · Leads volunteers for events.

DHISHNA 19 - 20
- · Head of Design & Media
- · Created Website.
- · Lead the core tech commitee.
- · Assisted Sponsorship team.
- · Automated Manual Tasks.

MAKE-A-TON 19
- · Organising team of the hackathon.
- · Developed Website.
- · Worked with other core members.
- · Mentored Hackathon Patricipants.

Innovators Summit
- · Head of Media.
- · Took part in the website creation.
- · Created banners, posters & videos.
- · Produced promo videos.
- · Took part in speaker curation.

Under25 CUSAT
- · Head of Media.
- · Worked with Under25 officials.
- · Created Banners, Posters & Videos.
- · Managed instagram handle.
- · Made automatic poster generator.

CUSAT EVENTS RADAR
- · Founder & Lead of core commitee.
- · Co-ordinated with different Dep.
- · Manage events in CUSAT.
- · Made aware of student opportunities.