

Zameel Hassan

COMPUTER SCIENCE STUDENT | FULL STACK ENGINEER

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Education

Amal Jyothi College of Engineering

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE, GPA: 8.56/10.0

- Placed in Manager's Honours List — S1, S2
- Placed in Principal's Honours List — S3

Kanjirappally, Kottayam

2020 - 2024

Chemnad Jama'ath Higher Secondary School

HIGHER SECONDARY SCHOOL (+1, +2), PERCENTAGE: 94

- Full A+ grade — +1
- Secured First position in Scratch Programming competition — District, Sub-District level Shastrotsav
- Placed in top 25 in Scratch Programming competition — State Shastrotsav

Chemnad, Kasaragod

2018 - 2020

Skills

Languages	Python, Java, JavaScript, C++, C, Dart, HTML, CSS, Shell
Frameworks	Django, React, Flask, Bootstrap
Technologies	AWS, Docker, GCP, GraphQL
Tools	Hasura, Mako, ChatGPT, Git, GitHub

Experience

TEDxAJCE

WEB DEVELOPER

- 2021
 - Developed a static website for TEDxAJCE
 - Manage payment of tickets
 - Create customised ticket pages for green ticket holders
- 2023
 - Lead web developer team
 - Developed a website for TEDxAJCE
 - Manage payment of tickets

Remote

May. 2021 - Aug. 2021

HighQ

CONTENT RESEARCH AND WEB DEVELOPMENT INTERN

- Developed a script to sync contents from excel sheet to WordPress website
- Research on all the state level universities and their eligibility criteria

Remote

Jul. 2021 - Nov. 2021

Blend-ed

FULL STACK ENGINEER

- Internship
 - Open edX development with Tutor
 - SSO login using Auth0 JWT
 - Customised Django OAuth plugin for Auth0
 - Hasura - React GraphQL integration
 - Replace Twilio in Auth0 with AWS SNS using AWS lambda
- Full time Flexible
 - Tutor k8s implementation
 - Maintaining images in AWS ECR
 - Custom GCP cloud functions that handles login, program enrollment, Open edX-Frontend sync
 - Tutor Cairn analytics implementation and Superset Cairn Embed

Calicut, Kerala (Remote)

Apr. 2022 - Present

Projects

Nirvana - An anonymous Drug reporting system

- Implemented functionality to anonymously award redeemable points to reporters
- Nearest higher authorities location tracking
- Implemented REST APIs

Local Clinic Doctor Booking System

- Implemented ML model to predict issues based on symptoms of patient
- Implemented a telegram bot that helped users to access doctors appointment, book an ambulance and share location faster
- Implemented Video calling using WebRTC

MP-MOOC | NISH

- A learning platform for National Institute of Speech and Hearing

Raz Al Hind Restaurant | Website

- Website for Raz Al Hind restaurant, Qatar

Auth0 SNS Gateway

- Lambda function that can be connected with AWS API Gateway to replace Twilio from Auth0 passwordless sms connection

Bulk Certificate Generator

- Generate bulk certificates on provided name, context and template
- Easy to access and extensively documented

Boofia Helper

- Implemented a simplified POS system with simple UI/UX, Monthly sales and purchase tracking and VAT calculation

The GitHub Showoff

- A python CLI tool to simply showoff on your GitHub profile contribution section

Hostel Management

- Hostel Management app to manage students with their in/out, attendance, timelines

TEDxAJCE

- Websites for TEDx Events organized at Amal Jyothi College of Engineering

Achievements

National Anti-Drug Hackathon

WINNER

2023

- Won first in the national level hackathon organized by Central University of Kerala and Kasaragod District Panchayat

Hackatly

2ND RUNNER UP

2023

- Won third prize in the hackathon organized by CE Thalassery in association with IEDC

Hac'k 23

2ND RUNNER UP

2023

- Won third prize in the hackathon organized by KMEA college of engineering

Extracurricular Activity

IEEE

MEMBER | WEB TEAM

Amal Jyothi College of Engineering

Present

NextGuard

TECHNICAL COORDINATOR

Amal Jyothi College of Engineering

Present

NSS

MEDIA LEAD | MEMBER

Amal Jyothi College of Engineering

Sep. 2021 - Mar. 2023

GDSC

PYTHON LEAD

Amal Jyothi College of Engineering

Nov. 2022 - Apr. 2023