

Zameel Hassan

COMPUTER SCIENCE STUDENT | FULL STACK ENGINEER

Rahmath Mahal, Nechipadappu, Paravanadukkam (P.O), Kasaragod

+919061652152 | zameelhassan7@gmail.com | www.zameel7.me | zameel7 | zameel-hassan | in zameelhassan

Education

Amal Jyothi College of Engineering

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

Kanjirappally, Kottayam

2020 - 2024

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

Harvard University

CS50: COMPUTER SCIENCE COURSES AND PROGRAMS FROM HARVARD

Online

- CS50 P: CS50's Introduction to Programming with Python — 2023
- CS50 X: CS50's Introduction to Computer Science — 2022

Chemnad Jama'ath Higher Secondary School

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

Chemnad, Kasaragod

2018 - 2020

- 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

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

Blend-ed

FULL STACK ENGINEER

Calicut, Kerala (Remote)

Apr. 2022 - Present

- Internship
- Open edX development with Tutor
- Implemented SSO login integration with Auth0 JWT for secure user access.
- Designed and implemented a custom Django OAuth plugin for seamless Auth0 integration.
- Integrated Hasura GraphQL backend with React frontend for efficient data management.
- Migrated SMS functionalities from Twilio to AWS SNS using AWS Lambda, enhancing scalability and cost-effectiveness.
- Full time Flexible
- Tutor k8s implementation
- Maintained Docker images for deployment in AWS ECR, ensuring efficient container management.
- Developed custom GCP cloud functions to handle login, program enrollment, and Open edX-Frontend data synchronization.
- Implemented Tutor Cairn analytics for data-driven decision-making and integrated it with Superset Cairn Embed for visual insights.
- Implemented instructor/student chat

HighQ

CONTENT RESEARCH AND WEB DEVELOPMENT INTERN

Remote

Jul. 2021 - Nov. 2021

- Automated content synchronization from Excel sheets to WordPress website, improving efficiency and accuracy.
- Conducted comprehensive research on state-level universities and their eligibility criteria, contributing to data-driven decision-making.

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

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/outs, attendance, timelines

TEDxAJCE

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

Extracurricular Activity

Google Developer Student Clubs

GDSC LEAD | PYTHON LEAD

[Amal Jyothi College of Engineering](#)

Present

TEDxAJCE

WEB LEAD | WEB TEAM

[Amal Jyothi College of Engineering](#)

2021 and 2023

IEEE

MEMBER | WEB TEAM

[Amal Jyothi College of Engineering](#)

Present

NextGuard

TECHNICAL COORDINATOR

[Amal Jyothi College of Engineering](#)

Present

National Service Scheme

MEDIA LEAD | MEMBER

[Amal Jyothi College of Engineering](#)

Sep. 2021 - Mar. 2023