Zameel Hassan

COMPUTER SCIENCE STUDENT | FULL STACK ENGINEER

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Education

Amal Jyothi College of Engineering   *Kanjirappally, Kottayam*

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE, GPA: 8.56/10.0   *2020 - 2024*

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

Chemnad Jama'ath Higher Secondary School   *Chemnad, Kasaragod*

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

TEDxAJCE   *Remote*

WEB DEVELOPER   *May 2021 - Aug. 2021*

- Develop a static website for TEDxAJCE
- Manage payment of tickets
- Create customised ticket pages for green ticket holders

HighQ   *Remote*

CONTENT RESEARCH AND WEB DEVELOPMENT INTERN   *July 2021 - November 2021*

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

Blend-ed   *Calicut, Kerala (Remote)*

FULL STACK ENGINEER INTERN   *Apr. 2022 - Dec. 2022*

- 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

TEDxAJCE   *Amal Jyothi College of Engineering, Kanjirappally*

WEB DEVELOPER   *Feb. 2023 - May. 2023*

- Lead web developer team
- Develop a website for TEDxAJCE
- Manage payment of tickets

Blend-ed   *Calicut, Kerala (Remote)*

FULL STACK ENGINEER   *Jan. 2023 - Present*

- Tutor k8s implementation
- Maintaining images in AWS ECR
- Custom GCP cloud functions that handles login, program enrollment, Open edX-Frontend sync etc.
- Tutor Cairn analytics implementation and Superset Cairn Embed

Projects

Nirvana - An anonymous Drug reporting system

RECEIVED 1ST PRIZE FOR CREATING THE PLATFORM DURING NATIONAL ANTI-DRUG HACKATHON, CONDUCTED BY CENTRAL

UNIVERSITY OF KERALA ALONG WITH IEDC

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

Local Clinic Doctor Booking System

RECEIVED 2ND RUNNER UP DURING HACKATLY CONDUCTED BY CE THALASSERY

- 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

Auth0 SNS Gateway

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

Bulk Certificate Generator

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

Boofia Helper

- boofiahelper.zameel7.repl.co
- Implemented a simplified POS system
- Simple UI and UX
- Monthly sales and purchase tracking and VAT calculation

The GitHub Showoff

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

Eigen is easy

- Project Repository
- Calculate manually complex equations and display along with required values and tables in Google Colab

Achievements

National Anti-Drug Hackathon

WINNER   *2023*

- Won first in the national level hackathon organized by Central University of Kerala, in association with Kasaragod District Panchayat
- Won a cash prize of ₹50,000

Hackatly

2ND RUNNER UP   *2023*

- Won third prize in the hackathon organized by CE Thalassery in association with IEDC
- Won a cash prize of ₹15,000

Extracurricular

IEEE   *Amal Jyothi College of Engineering*

MEMBER   *Present*

NextGuard   *Amal Jyothi College of Engineering*

TECHNICAL COORDINATOR   *Present*

NSS   *Amal Jyothi College of Engineering*

MEDIA LEAD | MEMBER   *Sep. 2021 - Mar. 2023*

GDSC   *Amal Jyothi College of Engineering*

PYTHON LEAD   *Nov. 2022 - Apr. 2023*