

# Zameel Hassan

COMPUTER SCIENCE STUDENT | FULL STACK ENGINEER

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

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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

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

Remote

May 2021 - Aug. 2021

### HighQ

CONTENT RESEARCH AND WEB DEVELOPMENT INTERN

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

Remote

July 2021 - November 2021

### Blend-ed

FULL STACK ENGINEER INTERN

- 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

Calicut, Kerala (Remote)

Apr. 2022 - Dec. 2022

### TEDxAJCE

WEB DEVELOPER

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

Amal Jyothi College of Engineering

Feb. 2023 - May. 2023

### Blend-ed

FULL STACK ENGINEER

- 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)

Jan. 2023 - Present

## Projects

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### 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

### 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

### Hostel Management

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

## Achievements

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### National Anti-Drug Hackathon

WINNER

2023

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

### Hac'k 23

2ND RUNNER UP

2023

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

## Extracurricular Activity

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### 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*