

Zameel Hassan

COMPUTER SCIENCE STUDENT | FULL STACK ENGINEER

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

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Experience

Blend-ed

Calicut, Kerala (Remote)

PRODUCT LEAD

Apr. 2022 - Present

- **Full time**
- Architecture migration
- Custom Django application development
- Customize Open edX Android and iOS app
- Implemented Tutor Cairn analytics for data-driven decision-making and integrated it with Superset Cairn Embed for visual insights.
- Custom AI Agent development using LangGraph
- Project management

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.

HighQ

Remote

CONTENT RESEARCH AND WEB DEVELOPMENT INTERN

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.

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

Harvard University

Online

CS50: COMPUTER SCIENCE COURSES AND PROGRAMS FROM HARVARD

- 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

Chemnad, Kasaragod

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

2018 - 2020

- 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, JavaScript, TypeScript, C, HTML, CSS, Shell
Frameworks	Django, React, Flask, Bootstrap
Technologies	AWS, Docker, GCP, GraphQL, PostgreSQL, MySQL
Tools	Hasura, Mako, ChatGPT, Git, GitHub, VSCode, XCode, Android Studio, Postman

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

CareConnect

- Implemented chatbot for easy patient doctor interaction using RAG (Langchain)
- Automated appointment scheduling
- Tonic and Sore eye detection module
- Implemented REST APIs

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

Bulk Certificate Generator

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

Hostel Management

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

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