



SAIFUDEEN HISHAM K M

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EDUCATION

Master of Science <i>Computer Science</i> New Horizon College of Engineering	Sept. 2025 – Sept. 2027 Genève, Switzerland
Bachelor of Engineering <i>Computer Science and Engineering</i> New Horizon College of Engineering	Dec. 2020 – Jun. 2024 Bengaluru, India

WORK EXPERIENCE

FeatsClub Software Engineer	Feb. 2024 – Aug. 2025 Remote
- Integrated user verification through payment systems, enhancing security. - Enabled split payments functionality, allocating a percentage of payments to FeatsClub and the remainder to organization admins. - Developed a secure user deletion mechanism aligning with Play Store, App Store, and industry data safety standards, ensuring privacy compliance during the removal of user data across various collections.	
FeatsClub Software Engineer Intern	Sept. 2023 – Jan. 2024 Remote
- Development and implementation of a robust payment lifecycle system, including intricate handling of one-time payments, subscription management, and refund processes. - Implemented debouncing strategies to minimize database reads in search operations.	
SproutClass Software Engineer Intern	Jan. 2023 – Jun. 2023 Bangalore, India
- Converted their web app to a native Flutter app. - Developed custom WebView package to seamlessly integrate live classroom into the Flutter app by leveraging sessions and cookies - Developed the backend for the said app using FastAPI, Python and Postgres. - Created another app that leverages OpenAI to generate custom forms with dynamic UI.	
HiSave Software Engineer Intern	Oct. 2022 – Sept. 2023 Remote
- Built the entire Flutter app from scratch to deployment. - Implemented WebView and handled Dart-Js interlop between their web and Android client.	
Articuno Coding Software Engineer Intern	Jul. 2022 – Oct. 2022 Remote
- Converted their web app to a native Flutter app. - Developed custom WebView package to seamlessly integrate live classroom into the Flutter app by leveraging sessions and cookies - Developed the backend for the said app using FastAPI, Python and Postgres. - Created another app that leverages OpenAI to generate custom forms with dynamic UI. - Solved and incorporated edge-case requirements of the company into their product.	

PROJECTS

Turfit: Turf Booking App | *Flutter, Firebase, Razorpay, Next.js*

Ongoing

Personal Project

- Developed 3 applications: two Flutter apps—Turfit and Turfit Partner—and one admin panel using Next.js, the apps are currently in TestFlight and internal testing.
- Integrated Razorpay for seamless payment processing, allowing direct payments from users to turf owners with a 2% transaction commission.
- Designed and implemented a secure Razorpay onboarding process for turf owners to register their bank accounts, ensuring reliable and automated payouts.
- Managed payment verification, transaction history, and refund processing features.

Heed: Empowering Mental Wellness

Nov. 2023 – June. 2024

Freelance Project

- Developed large appointment booking application consisting of 150+ screen.
- Integrated RTC for Audio and Video call support.
- Utilized Firestore to develop scalable chat architecture.

Arca Clinic – Book Appointment

Oct. 2023

Freelance Project

- Developed a main user appointment booking app and an admin panel for a doctor, enhancing appointment management efficiency.
- Implemented multiple login support for both the doctor and assistant.
- Handled the complete development cycle from concept to deployment, publishing the app on both the App Store and Google Play.
- Achieved over 1,000 downloads with a rating of 4.9 from 332 reviews.

CtrlFirl: Image-to-Text Communication | *Flutter*

Sept. 2023

Personal Project

- Developed a mobile application that utilizes OpenAI's API for image-to-text communication, enhancing user accessibility.
- Implemented a user-friendly interface for seamless interaction, allowing users to upload images and receive text descriptions.
- Incorporated real-time feedback mechanisms for users to refine and improve the generated descriptions.

RealAltTextGen: Web Accessibility | *JavaScript*

May 2023

Personal Project

- Leveraged the OFA-Image-Captioning model to generate accurate and meaningful alt text descriptions for web-page images.
- Enhanced web accessibility through automated image descriptions, benefiting users with visual impairments.

FlutGPT: One of the first unofficial ChatGPT apps for Android | *Flutter*

Feb. 2023

Personal Project

- Developed an unofficial ChatGPT mobile application, making it one of the earliest options available on Android.
- Achieved 65 stars and 26 forks on GitHub, showcasing strong community interest and engagement.

RESEARCH

Interactive use of Generative AI with Facial Expression Recognition

Dec. 2023

Research Paper

EXTRACURRICULAR

TEDxNHCE

Dec. 2023

Web Development Lead for TEDxNHCE

Bangalore, India

Hackzon by Devfolio

Dec. 2022

Registration Team Lead for National Level Hackathon

Bangalore, India

TECHNICAL SKILLS

Languages: React, Python, Java, C++, HTML/CSS, JavaScript,

Developer Tools: VS Code, AWS, Google Cloud Platform, Android Studio, Firebase

Technologies/Frameworks: GitLab, GitHub, Flutter, MERN, Stripe