

# ABDULLAH FAHIM

Computer Science Undergraduate | PV Team Lead at IEEE SB UoJ

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#### PROFESSIONAL SUMMARY

Results-driven Computer Science undergraduate with expertise in web and mobile app development, particularly in responsive design and backend integration. Proven leadership skills as the Public Visibility Team Lead at IEEE Student Branch, with experience managing public outreach and contributing to design initiatives. Proficient in HTML5, CSS3, JavaScript, PHP, and React Native. Seeking to leverage technical and leadership skills in a dynamic tech environment.

#### **EDUCATION**

# BSc (Hons) in Computer Science

University of Jaffna | Aug 2022 - Present

#### Advanced Level

Al-Manar National School | Apr 2018 - Oct 2020

## Ordinary Level

Welamboda M.M.V | Jan 2007 - Dec 2017

#### **TECHNICAL PROJECTS & COURSE WORK**

## Alumni Networking and Research Article Platform Development | Laravel

- Role: Full Stack Developer
- Led the development of an alumni networking platform with integrated research article sharing, fostering connections among professionals and academic collaboration.
- Ensuring secure user authentication, role-based access control (Admin, Alumni, Students, Lecturers), and seamless data handling.
- Responsive frontend with Tailwind CSS to deliver a user-friendly interface across devices.
- Developed a research article module enabling users to upload, share with versions of research articles.
- Developed a Job posting module enabling Alumni and Lecturers to upload, share jobs and internships.
- Incorporated real-time messaging functionality to enhance communication and engagement among alumni and students using Chatify and Pusher.
- Utilized Git for version control, managing branches and pull requests to facilitate collaboration among a 5-member team.

# ToDoApp Development | React Native

- Role: Backend Developer & Frontend Contributor
- Spearheaded the development of a cross-platform ToDo app for iOS and Android, enhancing user experience through custom UI components.
- Integrated AI features using OpenAI APIs for smart task suggestions, boosting user productivity.
- Built a custom calendar component to improve user interaction and overall app usability.
- Implemented Async Storage for efficient data management, ensuring smooth offline functionality and persistent data handling.
- Utilized Git for version control, managing branches and pull requests to facilitate collaboration among a 5-member team.

## Data Analysis with Python

• Analyzed large datasets using Pandas and NumPy, identifying key trends and visualizing data with Matplotlib.

#### VOLUNTEERING EXPERIENCE

## **Public Visibility Team Lead**

IEEE Student Branch, University of Jaffna | Feb 2024 - Present

- Led a team in enhancing public visibility through social media, graphic design, and event promotion.
- Successfully coordinated campaigns to increase engagement and member participation by 30%.

## **Public Visibility Team Member**

IEEE Student Branch, University of Jaffna | Feb 2023 - Feb 2024

• Assisted in content creation and design for promotional materials, contributing to event success and increased outreach.

## **Graphic Designer**

Gavel Club, University of Jaffna | Feb 2023 - Feb 2024

• Designed promotional materials, including posters and flyers, boosting the club's visual identity and event attendance.

#### **SKILLS**

## Frontend Development:

• HTML5, CSS3, Tailwind CSS, JavaScript, React.js, React Native

## **Backend Development:**

• PHP (including Laravel), SQL, MongoDB, MariaDB, Async Storage

## **Programming Languages:**

• Java, Python, C++, Perl

## Data Analysis Tools:

• Pandas, NumPy, JupyterLab, openpyxl

#### Soft Skills:

• Communication, Team Leadership, Problem Solving

#### **Version Control:**

• Git (branching, merging, conflict resolution, pull requests)

#### Office Tools:

• Microsoft Word, Microsoft Excel (including Excel Formulas), Microsoft PowerPoint

## **Design Tools:**

• Adobe Illustrator, Adobe Photoshop, CLO

#### **CERTIFICATIONS**

Responsive Web Design - freeCodeCamp

#### **LANGUAGES**

• English: Professional Proficiency

• Tamil: Native

• Sinhala: Conversational

#### **INTERESTS**

- Continuous Learning
- Cybersecurity
- Coding Challenges