



Abdurhman Abrar

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ABOUT ME

I'm an enthusiastic software developer with a passion for open-source projects and cutting-edge technologies. Check out some of my noteworthy projects and contributions using [Github Link \(<https://github.com/abdurhmanongithub>\)](#)

WORK EXPERIENCE

15/04/2021 – CURRENT Jimma, Ethiopia

SOFTWARE DEVELOPER JIMMA UNIVERSITY

- Collaborate with cross-functional teams, such as designers and product managers, to understand project requirements and translate them into software solutions.
- Design, develop, and maintain high-quality software applications, ensuring adherence to coding standards and best practices.
- Write efficient, clean, and reusable code that is well-documented for easy maintenance and future enhancements.
- Conduct thorough testing and debugging of software applications to identify and resolve any defects or issues.
- Participate in code reviews to provide feedback and ensure code quality and consistency across the development team.
- Stay updated with the latest industry trends, technologies, and frameworks, and apply them when appropriate to improve the software development process.
- Collaborate with the team to continuously improve software development practices, processes, and tools.
- Ensure the security and integrity of software applications by implementing proper authentication, authorization, and data protection measures.
- Troubleshoot and resolve software defects and technical issues reported by users, providing timely and effective solutions.
- Collaborate with stakeholders to gather and analyze requirements, propose technical solutions, and estimate development efforts for new projects or features.

EDUCATION AND TRAINING

18/10/2016 – 09/02/2021 Jimma, Ethiopia

BSC COMPUTER SCIENCE Jimma University

Address Kochi, Jimma, Ethiopia | **Website** ju.edu.et

LANGUAGE SKILLS

Mother tongue(s): **AMHARIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	B2	B2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Gmail | PowerPoint | Python | C++ | Java | Flutter | PHP | HTML | CSS | Javascript | Angular | Laravel | Symfony | Code Igniter

ADDITIONAL INFORMATION

PROJECTS

15/07/2022 – 25/09/2022

Youth Volunteer Management System to Ministry of Peace of Ethiopia Youth Volunteer Management System (YVMS) is web based application developed by Jimma University ICT development Office in collaboration with Ministry of Peace, National Volunteerism program to automate the entire process of national volunteerism program from online application up to deployment and community engagement.

Link <http://yvms.mop.gov.et/developers>

Dabbal Gig Worker Finder App For customers this platform will allow them to find available gig workers near them at any time they want. Get a list of gig workers near their location and it's customers choice to select and send a request. Get gig workers with exact job category in about 10 seconds. Gig Agenagn users can get additional benefits, like affordable service, maintenance, and installation price. With local language options.

Link https://play.google.com/store/apps/details?id=com.dabbal.agenage_customer&hl=en&gl=US

3D Indoor Navigation for Jimma University Hospital (Not publicly accessible) Navigating through the Jimma University Hospital can often be challenging, requiring individuals to keep track of essential information. However, with the implementation of indoor navigation systems, passengers can now easily access turn-by-turn directions to various points of interest on the map. This includes convenient guidance to areas like security checkpoints, pharmacies, and other relevant locations.

Jimma University Hospital Bed Management system As a software developer for the Jimma University Hospital Bed Management System, I played a key role in designing and implementing a comprehensive software solution. This system aimed to optimize the management and utilization of hospital beds to enhance operational efficiency and improve patient care.

Askethio Ask Ethio is an innovative question-and-answer website designed specifically for students. Founded in 2021 by myself and my dedicated team, the platform serves as a comprehensive resource for students seeking answers to a wide range of academic queries. The platform hosts a collection of thought-provoking questions and informative answers, ensuring that students can find valuable insights and guidance on various subjects.

Link <http://askethio.com>

Jimma University Official Website using Wordpress As a member of the team working on the Jimma University Official website project, I had the privilege of contributing to the development and enhancement of the university's online presence. Our goal was to create a modern and user-friendly website that effectively represents the institution and provides valuable information to students, staff, and the wider community.

Link <http://ju.edu.et/>

Jimma University SMS Management System (Not available publicly) The SMS management system we developed for Jimma University harnessed the simplicity and ubiquity of SMS technology to enhance communication efficiency and effectiveness. Through this system, the university could effectively reach out to its customers, which included students, staff, and other stakeholders.

Jimma University Event Management System (Not available Publicly) Event management software encompasses a range of features to facilitate the planning and execution of large-scale events, such as conferences, conventions, concerts, trade shows, festivals, and ceremonies. This comprehensive software solution handles the logistics of the event, manages staff, and serves as a project management tool, all through a user-friendly web application.

Jimma University Electronic Payment System The Jimma University Electronic Payment System is a robust software solution designed to streamline and oversee payment operations. This comprehensive system encompasses various functions for controlling and monitoring payments. It effectively manages the logistics of the payment process, collaborates with staff members, and serves as a centralized project management tool. The system is accessible through a user-friendly web application, ensuring efficient handling and monitoring of payments throughout the university.

Link <https://epas.ju.edu.et/>

Jimma University Human Resource Management System using Laravel Jimma University Human Resource Management System (HRMS) developed using Laravel is a powerful software solution that offers a wide range of functions for efficient management of human resources within the university. Built on the Laravel framework, this comprehensive system provides a seamless and user-friendly experience.

Jimma University Research Management System The Jimma University Research Management System optimizes research operations, facilitating project management, funding, collaborations, and data tracking. With a user-friendly interface, it empowers researchers to enhance productivity and fosters a culture of innovation and scholarly excellence.

Link <https://rms.ju.edu.et/>

HONOURS AND AWARDS

MSc Scholarship on Artificial Intelligence I was honored to receive the MSc Scholarship on Artificial Intelligence from Jimma University. This prestigious award recognized my academic excellence and dedication to the field. It served as a testament to my commitment to advancing knowledge and skills in the field of Artificial Intelligence, and I am proud to have been selected as a recipient of this scholarship.

13/02/2021

Participating On Exhibition organized by Jimma University on Graduation Ceremony – Jimma University I was honored to participate in an Exhibition organized by Jimma University during the Graduation Ceremony, where our undergraduate research project was publicly showcased, and I was recognized for my role in developing an innovative research project.

Certificate of Excellence: First Place for 3D Indoor Navigation App at Jimma Medical Center's Final Year Project Competition Presented with the Certificate of Excellence, this award recognizes the remarkable achievement of our 3D indoor navigation app, which ranked first among a distinguished selection of final year projects at Jimma Medical Center. Our innovative solution revolutionized navigation within the medical center, enhancing accessibility and efficiency for staff, patients, and visitors.

COMMUNICATION AND INTERPERSONAL SKILLS

Programming Skill Proficiency in multiple programming languages, such as Python, Java, C++, PHP, Dart, flutter, and JavaScript.

Web Development Extensive experience in web development using HTML, CSS, and JavaScript. Strong knowledge of front-end frameworks like React and Angular for building interactive user interfaces. Expertise in back-end development utilizing frameworks like Node.js, Laravel, Symfony, and Django for efficient server-side programming. Sound understanding of SQL and NoSQL databases, including MySQL and MongoDB, Firebase, for effective data management.

Version Control Familiarity with version control systems like Git, enabling efficient collaboration and code management.

API Integration

Experience in integrating APIs to facilitate data exchange and leverage third-party services.

Testing and Debugging Skilled in software testing and debugging techniques to ensure high-quality code.

DevOps and Deployment I have good Understanding of DevOps principles, continuous integration, and deployment tools like Docker, Jenkins, or AWS for efficient software deployment and maintenance.