



Portfolio: <https://darahat.dev/>

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StackOverflow: <https://stackoverflow.com/users/3424210/didarul-alam-rahata>

Didarul Alam Rahat

Full-Stack Laravel & Flutter Developer | 7+ Years Experience | Bangladesh | 🌐 Open to Remote Roles

Personal Summary

Results-driven Full-Stack Developer with **7+ years of expertise** in designing and deploying scalable web and mobile solutions using **Laravel, Flutter, and Vue.js**. Adept at architecting **high-impact ERP systems, university automation platforms, and IoT-integrated mobile apps** that drive operational efficiency. Strong background in **RESTful API development, Dockerized deployments, and CI/CD pipelines**. Published Flutter developer with **10,000+ app installs** and a passion for leveraging technology to solve complex challenges. Seeking **remote roles** to contribute innovative solutions and accelerate digital transformation worldwide.

Technical Skills

Languages & Frameworks:

- PHP, Laravel, CodeIgniter, JavaScript, Vue.js, Nuxt.js
- HTML5, CSS3, Tailwind CSS, Bootstrap
- Flutter & Dart (Mobile development)
- SQL (Oracle, MySQL),,
- Solidity, Ether.js

Tools & Technologies:

- Docker, Git, GitHub Actions (CI/CD), AWS, Terraform, Grafana, Kubernetes
- VS Code, Postman, RESTful API Development
- SSH, Alma Linux Server, cPanel

- SQLite, Mobile Sensors (Accelerometer, Gyroscope, Magnetometer, etc.)
- jQuery, AJAX, jQuery UI

Others:

- AI Integration (e.g., Mistral API in Laravel Admin Panels)
- Strong knowledge of database concepts and ER modeling
- Experience with offline-first mobile apps and data sync

Work Experience

Assistant Programmer

Bangladesh Agricultural University (BAU) | www.bau.edu.bd

Duration: July 2019 – Present

Location: Mymensingh, Bangladesh

Key Responsibilities & Achievements:

- Developed and maintained critical applications including:
 - BAU eDiary (Flutter App)
 - BAU Website Backend Panel
 - BAU Website Backend REST API Building
 - Student Email & Internet Application System
 - Transport Vehicle Requisition System
 - Certificate Automation System
 - Various BAU ERP Modules
 - MS Admission System
 - PhD Admission System
 - IADS Admission System
 - Central Laboratory Instrument Booking System
- Managed reporting tools for student search and analytics.
- Contributed to the **main university website** development and feature expansion.
- Actively involved in DevOps practices using Docker for deployment and testing.

Technologies: Flutter, Dart, PHP, Laravel, CodeIgniter, Vue.js, Docker, jQuery, REST API, MySQL, Oracle, Tailwind CSS

Front-End Developer

Funush Private Limited | www.funush.com

Duration: February 2019 – July 2019

Location: Mirpur-12, Dhaka

Key Contributions:

- Played a core role in the frontend development of **CareerKi.com**, an initiative to guide youth toward productive career paths and away from extremism.
- Built modern, responsive user interfaces using Vue.js ecosystem technologies.
- Contributed to a **Progressive Web App (PWA)** for better user experience on mobile and desktop.
- Collaborated with a cross-functional team to implement interactive features, user flows, and data integration with NoSQL databases.

Technologies: Vue.js, Vuex, Vue Router, PWA, MongoDB, NoSQL

Recent Projects

Stake HIVE DeFi Dapp

Technologies: Solidity, Ether.js, HardHat, Nuxt.js, Tailwind CSS

Description: StakeHive – DeFi Staking & Yield Farming App

- Decentralized Platform: Enables users to stake tokens and participate in yield farming securely.
- Passive Income: Earn real-time rewards through automated smart contracts.
- Real-Time Analytics: Monitor staking performance, APRs, and reward history with intuitive dashboards.
- Secure Wallet Integration: Seamlessly connect with popular Web3 wallets (e.g., MetaMask).
- Gas-Efficient Transactions: Optimized contract interactions for reduced fees.
- Transparent & Auditable: Built on public blockchains for full visibility of funds and contract logic.
- User-Friendly Interface: Clean, responsive design for both desktop and mobile usage.
- Smart Contract Powered: Fully on-chain logic with minimal off-chain dependencies.

Live Link: <https://stakehive-defi-dapp.netlify.app/>

Git Repo: <https://github.com/Darahat/StakeHive-dapp.git>

SensorLab (Flutter App)

A full-featured sensor toolkit offering real-time environmental data through native mobile sensors. Features include:

- Noise Meter, Light Meter, Compass, Torch Controller, and more

- Offline support with real-time updates
- Clean UI with navigation drawer and bottom navigation bar

Google Play Store Link:

https://play.google.com/store/apps/details?id=com.darahat.sensorlab&pcampaignid=web_share

BAU Website and ERP Backend REST API Development

Technologies: Laravel, JSON, SQL Query

Description:

Designed and developed RESTful API services for Bangladesh Agricultural University's (BAU) Website and ERP system backend using Laravel. Implemented secure, scalable endpoints to manage data integration between academic modules and administrative panels. Handled complex SQL queries for efficient data retrieval and ensured seamless JSON responses for frontend consumption.

Monster BPO

Technologies: Laravel, Tailwind CSS, MySQL, jQuery

Description: MonsterBPO.com is a dynamic BPO (Business Process Outsourcing) company website built with cutting-edge technologies including Laravel, Tailwind CSS, and MySQL. Our platform exemplifies efficiency and innovation, offering seamless navigation and robust functionality. From streamlined communication channels to enhanced user experiences, MonsterBPO.com showcases our commitment to excellence in BPO services.

Live Link: www.monsterbpo.com

Bangladesh Agricultural University ERP

Technologies: CodeIgniter, Oracle, MySQL, jQuery, Bootstrap

Description: I played a pivotal role in developing a comprehensive Enterprise Resource Planning (ERP) system tailored for Bangladesh Agricultural University. Utilizing technologies like CodeIgniter, jQuery, Bootstrap, Oracle, and MySQL, I contributed to designing and implementing modules for HR, and academic administration, Result Processing, and Admission. My focus on robust functionality and user-friendly interfaces ensured the seamless integration of various processes, enhancing efficiency across the institution.

Live Link: <https://www.erp.bau.edu.bd>

Bangladesh Agricultural University Website

Technologies: Laravel 10, Oracle, MySQL, jQuery, Bootstrap

Description: I had the privilege of contributing to the Bangladesh Agricultural University website, focusing on both its back-end and front-end components. My primary responsibility involved architecting and implementing a comprehensive Content Management System (CMS) utilizing Laravel and Bootstrap frameworks. This endeavor enabled seamless management and presentation of

content, enhancing the overall user experience on the website. Through meticulous attention to detail and dedication to excellence, I played a pivotal role in ensuring the website's functionality and design aligned with the institution's objectives.

Live Link: <https://www.bau.edu.bd>

BAU eDiary

Technologies: Flutter, SQLite, REST API(Used CodeIgniter for making rest API).

Description: The Flutter mobile app developed for Bangladesh Agricultural University has become a cornerstone in agricultural education. Utilizing Flutter's cross-platform capabilities, the app offers a seamless user experience. With over 10,000+ downloads and a rating of 4.8 stars, it has garnered praise for its intuitive design and comprehensive features. Serving as a vital resource for students and stakeholders, the app exemplifies the university's commitment to innovation in agricultural outreach and education.

Live Link: https://play.google.com/store/apps/details?id=com.bauictcell.bau_app

Education

Bachelor of Science in Software Engineering (2013-2017)

Daffodil International University

Higher Secondary School Certificate (2010-2012)

Shaheed Sayeed Nazrul Islam College, Mymensingh

Secondary School Certificate(2010)

Mymensingh Zilla School