Mridul Roy

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Skills

Languages: PHP/Laravel, C/C++, Java, Python, JavaScript, SQL.
Technologies & Tools: AWS, Composer, MySQL, Middleware, Eloquent ORM, Blade Templating, Laravel UI, Web Routes, Hashing(Argon2), Webpack, Axios, RESTful APIs, DOMPDF, XSS and SQL injection protection, SoftDeletes Traits, API Throttle middleware(Rate Limit), Laravel Passport, Twilio, Bootstrap v5.0, Flutter, ReactJS, Redux, TensorFlow, Xdebug, CI/CD, Artisan CLI, Tailwind CSS, Django, XML, Ansible.

Work Experience

Windstream Communication LTD, Dhaka   Aug 2023 – Dec 2024
Network Support Engineer
- Diagnosed and resolved complex network issues to ensure seamless connectivity.
- Provided technical support to the ISP both remotely and on-site, enhancing network performance.
- Configured, monitored, and optimized MikroTik routers for efficient data traffic management.
- Analyzed and troubleshot routing and switching problems to minimize downtime.
- Managed and maintained Huawei switches, Cisco routers, and Cisco switches to improve network infrastructure.

Creative IT Institute, Dhaka   June 2021 - Oct 2021
Trainee Software Developer
- Design, develop, and maintain PHP Applications including Laravel, CodeIgniter.
- Integrate applications with third-party services.
- Develop application with Middleware, Session, CSRF Protection.
- Manage server environments (Nginx, Apache) for optimal deployment and performance.
- PHP, Laravel, ReactJS, Redux, Angular, MySQL, Ajax, PDO, jQuery.

Education

United International University   CGPA: 3.33/4
B.Sc. in Computer Science and Engineering
Relevant Coursework: Object Oriented Programming, Databases, Discrete Math's, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing.

Project Work

- **Event Management System :** This project is a web-based Event Management System built with PHP 9+.It provides secure user authentication and role-based access control.Admins have full control over event management and user management. The system allows online event registration with capacity limits, paginated and filterable event displays, and attendee list downloads (CSV). PHP(CORE), Bootstrap v5.0, Xdebug.

- **Tohoney E-Commerce Platform :** Ability to manage orders, including order tracking, payment processing and order fulfillment. Manage user accounts, including registration, login, authentication and authorization. Optimize the website for search engines, including blog posts, pages. PHP, Laravel, Composer, Eloquent ORM, Image Processing, SoftDelete Traits, DOMPDF, Redis, Axios, JavaScript, MySQL, Ajax, SSLCOMMERZ.

- **Integrated Platform for Different Network and Devices :** This project is a Django-based web application designed to provide a centralized platform for managing and monitoring various network devices. Track the status and performance of connected devices. Access all essential network information from one interface. Implements authentication and role-based access control. Uses YAML-based configurations to manage network settings. Uses Ansible to interact with devices from different network vendors. Python 3.7, Django, YAML, Playbook, Web Interface, Webhook, Cron Jobs.

Awards and Certificates

- Professional Web Development from Creative IT Institute.
- Full Stack Web Development with MERN from OSTAD.