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| --- | --- | --- | --- | --- | --- | --- |
| **1. Proposed Position** | : | **Senior Software Engineer** | | |  | |
| **2. Name of Staff** | : | **Md. Apple Mahmud** | | |
| **3. Date of Birth** | : | May ,15 1997 | | |
| **4. Nationality** | : | Bangladeshi | | |
| **5. Membership in Professional Society** | : | * N/A | | | | |
| **6. Education** | : | * **B.Sc. Engineering (Computer Science Engineering)** from Daffodil Institute of IT , 2022 * **H.S.C.** from Rajshashi Board in 2016 * **S.S.C.** from Rajshashi Board in 2014 | | | | |
| **7. Other Training** | : | |  |  | | --- | --- | | **SL** | **Training/Certification Title** | | *1* | **1st place** at DIIT IT Fest Programming contest 2018 | | *2* | **Champion** Programming combat 2021’ organized by Dept. of CSE Tejgaon College | | *3* | **8th place** at DIU ICT Carnival Programming Contest 2018 | | *4* | **76Th** BUP IUPC | | *5* | **87Th** ICPC Dhaka Regional | | *6* | **99Th** SEU ICPC Dhaka Regional | | *7* | **248Th** DIU ICPC Dhaka Regional | | *8* | **Volunteer** Power and Energy Hackathon, organized by Ministry of Power, Energy & Mineral Resources in Bangladesh | | *9* | **Certificate** One Month Learn JavaScript Certificate | | | | | |
| **8. Languages & Degree of Proficiency** | : | ***Language*** ***Speaking Reading Writing***  English Excellent Excellent Excellent  Bangla (mother tongue) Excellent Excellent Excellent | | | | |
| **9. Countries of Work Experience** | : | Bangladesh – 03 years | | | | |
| **10. Employment Records & Experience:** | | | | | | |
| **Employer** | | |  | **From** | | **To** |
| 1. **Telcobright Ltd.**   Senior Software Engineer | | | **:** | **April 2022** | | **Till Now** |
| 1. **Telcobright Ltd.**   Software Engineer | | | **:** | **March 2021** | | **March 2022** |
| 1. **Telcobright Ltd.**   Junior Software Engineer | | | **:** | **Feb 2020** | | **Feb 2021** |
| **Experience:**     * RestComm jss7-Messing Protocol(SS7 provides an open source software solution implementing M3UA, SCCP, TCAP, CAMEL, MAP, ISUP protocols for a dedicated equipment (Dialogic) and also M3UA (SIGTRAN) over IP.) Main responsibility was making it headless /UI less just command and go, json configurable , Deocde response data for MAP layer . * Vector Packet Processing (VPP) with C language. Main responsibility was debuging and collecting important data then make structurised data with C STRUCTURE Data type . * Developed robust APIs using Spring Boot, Ofbiz and Express js ensuring high performance and reliability. * Designed and built user-friendly front-end web applications using React, Next js, Tailwind Css and Antd, enhancing the overall user experience. * Call Data Analaysing Sytesm(Cas) used for billing and multiple purpose by BTRC and Icx .Main responsibility was making a Decoder to decode binary data to actual Call Data. * Set up NAT rules and configured remote desktop access to VMs within private IP ranges, ensuring secure and efficient remote management. * Configured server environments and managed network settings, including setting up virtual machines (KVM), IP management, and deploying software to servers. * Managed FTP servers on Windows Server, ensuring secure and efficient file transfer operations. * Handled multisource replication, ensuring data consistency and reliability across different data sources. * Set up and managed Ejabberd and XMPP servers, providing APIs for XMPP client applications and ensuring seamless real-time communication. * Implemented AWS Lambda functions for serverless computing, managing scheduler triggers and defining trigger rules to automate tasks. | | | | | | |
| **11. Subject Matter Specializations**   * Front-End Technologies: React, Next js, Tailwind Css, Ant Design (Antd), HTML, CSS, JavaScript * Back-End Technologies: Spring Boot, Express js, Ofbiz, RESTful API development * Database Management: SQL, NoSQL, Data Replication * AWS Skills: Lambda function handling, Scheduler handling for triggering Lambda functions, Trigger rules, Various AWS services * Server and Network Configuration: Virtual Machines (KVM), IP Management * Continuous Integration/Continuous Deployment (CI/CD): Jenkins, GitLab CI * Ejabberd and XMPP Server Setup: API provisioning for XMPP client applications | | | | | | |
| **12. Additional Experience/Projects**   |  |  |  | | --- | --- | --- | | **Dhikr** |  |  | | * Contributed to the Dhikr project by converting the front-end from HTML and CSS to Tailwind CSS, improving the project's UI/UX. * Actively participated in bug fixing and troubleshooting tasks.     **Health**   * Collaborated on the Health project by designing the front-end using React and Tailwind CSS, resulting in a more modern and responsive user interface.   **Online Judge**   * Developed a problem-solving website where users can add problems, create contests, and practice their coding skills.   **Restaurant App**   * Designed and implemented responsive and user-friendly app pages using React.js. * Developed a custom menu creation feature for restaurant owners, enabling them to tailor their offerings.   **Built a robust backend with Express.js to handle various functionalities including:**   * Managing order counts. * Processing online payments securely.   **Created an admin portal for centralized management of:**   * Partners and their locations. * User authentication and authorization for partners. * Restaurant menus and updates. * Ensured seamless integration between frontend and backend to provide a smooth user experience for clients ordering food online. * Facilitated partner logins, allowing them to manage their specific locations and menus effectively. | | | | | | | | | |

**Certification**:

I, the undersigned, certify that (i) I was not a former employee of the client immediately before the submission of this proposal, and, (ii) I have not offered my CV to be proposed by a Firm other than this Consultant for this assignment, and (iii) to the best of my knowledge and belief, this bio data correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

I have been employed by Telcobright Limited. as a consultant. Indicate “Yes” or “No” in the boxes below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **YES** | **✔** | **NO** |  |  |
|  | | | | |
| **Signature** | | |  | |
| **Date of Signing** | | | **06 / 06 / 2024**  (Day / Month / Year) | |