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| Name of Report | Mangsir 2079 monthly progress report |
| Name of Person | Ashish Poudel |
| Address of person | Chandragiri-7, CheckPost, Kathmandu |
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| 1. Describe the progress you have made in one month. | |
| Ans.:  Starting from the core concepts of Java, object oriented programming, packages, exception, lambda, ArrayList, to advanced concepts of spring concepts(dependency injection, inversion of control, springboot security, JPA Hibernate, MySQL, PostgreSQL, Creating Representational State Transfer (REST) API, Public, Private API, API Keys Generation, REST end points, DB structure, Entities, Eclipse, IntellijIDEA IDE, STS IDE usage, Maven Build Tool, Agile Methodology, Postman, Insomnia, Thunder Client Testing, Git, GitHub(Pull, Merge, Push, Pull Request, Upstream, Open Source Contribution, GitHub Student Package, Project Collaborators and so on. I found out that college syllabus was too old standard & not so practical after learning these mandatory concepts for back-end development. | |
| 1. What new technology have you learned? | |
| Ans.:  Hibernate Object Reletional Mapping, SpringBoot, Actuators, Slack, Trello, PostgreSQL, Postman, H2 Database, Lombok, Spring Tool Suite, Dialect | |
| 1. Issues and challenges | |
| Ans.:   1. Faced difficulties while connecting hibernate to respective database initially, 2. Lots of error occurred and solving took around one week while creating initial springboot project, Request Java ASI from selection: ‘boolean com.ibm.icu.text.UTF16.isSurrogate(char)’, 3. Due to very less & old resources it was tough to integrate SpringBoot API with ReactJS frontend 4. Installing Spring Tool Suite in Eclipse crashed the application numerous times & reinstalled the Eclipse Java Enterprise & Web Development Edition, 5. Currently register auth : “rawPassword cannot be null exception” & trying to address it | |
| 1. Next month plan | |
| Ans.:  Spring Security Completion, Role Based Authorization, Authentication, OAuth, OAuth2.0, Micorservices, Swagger Library, Create fully fledged backend, Deploy SB Project to production by spring cloud , AWS, Azure, Google Cloud Platform | |
| 1. Message to management | |
| Ans.:  May be I could be wrong but as per my knowledge, CS Sewa Nepal is a start-up company and trying to grow in information technology sector. Is it the sister company of Navya Technology? since I could not find any website, Facebook Page, LinkedIn account, Map Location or GitHub handles of the company & I think its slightly unmanaged as we must know all the top to bottom level designated personnel & their roles in the company. A full time mentor or at least one authorized person to stay in office is mandatory & also there is a problem as a lot of disturbance occurred by vehicles for whole working day fluctuate our concentration while focusing on the study & research.  Also I am writing to kindly request the organizational details, work flow hierarchy of officials, registration certificate of the company, working domains of organization, description of intern department & other developers' unit since they are all needed to include in my internship report. As a software developer intern, it is important for me to understand the structure and official status of the organization in which I am working & like to know what are the opportunities gateway for us after completion of internship. I would greatly appreciate it if you could provide me with this information as soon as possible & try to address our issues. Thank you in advance for your assistance with this matter.  In addition, it is important to be proactive in seeking out new opportunities and partnerships, as well as being open to feedback and learning from others. By staying focused, adaptable, and open to new ideas, the management team of a startup IT company can position the company for success in a rapidly changing industry. | |