

Prabhat Uprety

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Lokanthali, Bagmati - 44600, Nepal

OBJECTIVE

Experienced software developer with over 2 years of proven experience in crafting high-performance applications. Proficient in server-side development, database management, and software design.

EXPERIENCE

- Deutsche Telekom Clinical Solutions**  Feb 2023 - Present
Junior Software Engineer Pune, India
 - Designed and implemented a specialized module for processing DICOM images.
 - Utilized a Queue-based approach with RMQ integration for seamless upload and download of the DICOM images to/from the PACS server.
 - Implemented data anonymization for patient data in DICOM images to securely process patient information.
 - Enhanced security measures within the application by revamping both password reset and security question reset functionalities to ensure stronger and more secure user account protection
 - Implemented advanced encryption (RSA and AES) for secure data transmission and workflow design
 - Implemented API gateway using Ocelot
 - Enhanced creation of versioned entities through database sequencing.
 - Enhanced security of an application by fixing vulnerable issues reported by sonar.
 - Streamlined subject and cohort management modules in a clinical trial solution, improving data accuracy and operational efficiency
 - Wrote unit and integration tests to ensure robust software quality increasing code coverage to around 90%.
- Deutsche Telekom Clinical Solutions** June 2022 - Jan 2023
Software Engineer Intern Pune, India
 - Acquired proficiency in Agile methodologies, clean coding principles, and industry best practices
 - Collaborated with fellow interns to develop an in-house employee management system
 - Implemented JWT token-based authorization for cross-platform user authentication
 - Engaged in peer-to-peer training with senior team members to deepen understanding of the product
 - Supported the backend team by developing and debugging APIs, enhancing application performance
- Virtusa**  Jan 2021 - April 2021
Software Engineer Intern Chennai, India
 - Developed REST APIs and web application using Spring MVC, React.js, and other modern technologies
 - Developed and maintained unit tests to ensure the quality of code
 - Incorporated JWT authentication into an application for secure and streamlined user authorization

EDUCATION

- Chitkara University** July 2018 - May 2022
Computer Science Engineering Baddi, India
 - CGPA: 9.37/10

PROJECTS

- Feedback App: A platform for creating customized feedback, automating response collection, and analyzing data**
Tools: Spring Boot, Angular, PLSQL, Jenkins
- Blog App: A platform for user account creation, article drafting, and content publishing**
Tools: Node.js, React, MongoDB
- Dynamic Form: A platform designed for the creation of dynamic forms and efficient data capture**
Tools: ASP.NET, CosmosDB

SKILLS

- Programming Languages:** Java, C#, JavaScript
- Web Technologies:** Spring Boot, ASP.NET, ASP.NET Razor, Angular
- Database Systems:** PLSQL, CosmosDB, SQL
- Version Control:** Git, Github, TFVC (Team Foundation Version Control),
- Specialized Area:** Backend Development