

MANDELA MAHATO

Software Engineer

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WORK EXPERIENCE

Advanced Software Engineer

Honeywell Technology Solutions Lab Pvt. Ltd.

07/2019 - Present, Bangalore

- Lead a team of developers to deliver high-quality software solutions, ensuring adherence to best design practices and code quality standards.
- Developed and maintained server-side code using **.NET Framework and .NET Core**, resulting in improved system performance and functionality.
- Designed and optimized complex database queries, leveraging strong knowledge of **SQL Server** databases and database concepts.
- Collaborated with front-end developers to write client-side code using **JavaScript**, with experience in React, enhancing the user experience.
- Contributed to Cloud Platform development, primarily in **AWS**, by deploying and managing applications on the cloud infrastructure.
- Conducted server-side and client-side debugging using various tools to identify and resolve software defects.
- Utilized **Git** for code versioning, ensuring efficient collaboration and tracking of code changes.
- Continuously stayed updated with industry trends and emerging technologies to maintain best practices in software development.

PROJECTS

Non-Biometric-based Cryptographic Systems, Kolkata

09/2018 - 09/2019

Digital Signature using Non-Biometric-based Cryptographic Systems. The digital signature scheme as proposed by NIST has many limitations in it. This project will address the issues with a novel approach using a non-biometric-based cryptosystem

Document Summarization using text rank and degree centrality, Kolkata

05/2017 - 05/2018

Synthesizing a well-organized 250-word summary of 25 documents per topic using two techniques: Text rank and Degree centrality based. Performed Rouge-N (with N values 1 and 2) and Rouge-L evaluation on the summaries

PERSONAL PROFILE

Detail-oriented and highly skilled Software Developer with more than 5 years of experience, specializing in server-side code using .NET Framework and .NET Core. Proficient in SQL Server databases, client-side JavaScript development, and cloud platform development, with a strong commitment to best design practices.

SKILLS

NodeJS, JavaScript, C#, C++, Java, Python

Web Technologies: NodeJS, ReactJS, Redux, Mobx, .NET Framework, .NET Core,

Databases: SQL Server, Database Design, Complex Query Optimization

Cloud Platforms: AWS, AZURE

Code Versioning: Git

Strong Problem-Solving and Analytical Skills

Excellent Team Leadership and Collaboration

Strong Communication and Presentation Skills

EDUCATION

MTech in Computer Science & Eng., IIT Kharagpur, Kolkata

04/2017 - 04/2019

B.Tech in Computer Science & Eng., Jalpaiguri Govt. Eng. College, Jalpaiguri

05/2011 - 05/2015