

Akshay Eknath Datir

Software Developer

✉ datir.a@northeastern.edu

🏠 Boston

in www.linkedin.com/in/akshay-datir-354b2a12a

PROFESSIONAL SUMMARY

Experienced software developer with a demonstrated history of delivering high-quality software solutions. Proficient in multiple programming languages and development methodologies. Adept at collaborating with cross-functional teams to meet project goals and deadlines. Committed to continuous learning and staying up-to-date with industry trends.

EXPERIENCE

APPLICATION DEVELOPER

Mar 2021 - Jun 2023 | IBM Pvt Ltd , Pune, India

Collaborated with cross-functional teams to gather and analyze project requirements, translating them into technical specifications and development tasks.

Designed and implemented complex software solutions, focusing on clean, maintainable code and adherence to coding standards.

Leveraged Agile methodologies and participated in daily stand-ups, sprint planning, and retrospectives to ensure efficient project execution.

Developed Microservices using technologies such as Java 8, Spring Boot. Created RESTful APIs to facilitate seamless communication between front-end and back-end systems.

Designed and optimized relational databases, improving data retrieval speed and efficiency.

Implemented robust security measures, including data encryption and access controls, to protect sensitive information.

Conducted unit testing, integration testing, and code reviews to maintain software quality and identify and rectify issues early in the development process.

Collaborated with QA teams to ensure comprehensive test coverage and timely bug resolution.

Achievements:

Successfully written a python script to reduce Manual testing, which resulted in saving a 40% of time.

Implemented and transformed a Restful service creation of Legacy CORBA Object API calls, reducing deployment times and enhancing software delivery efficiency.

Received IBM Employee of the Quarter Award in recognition of outstanding contributions to software development projects.

CODING AND DEVELOPMENT

Dec 2018 - Mar 2019 | Seven Mentor Pvt Ltd , Pune India

Develop and Maintain created stand alone Java SE application.

optimized the legacy code to improve time efficiency of Application.

EDUCATION

DIPLOMA

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Maharashtra State Board of Technical Education , Pune, Maharashtra, India | Graduated in 2017 | 7/10 GPA

Courses- Object Model Design, Java and Advanced Java, Mobile Computing, Cloud Computing, C++,C

BACHELORS OF ENGINEERING

Savitribai Phule Pune University , Pune, Maharashtra, India | Graduated in 2020 | 8.15 GPA

Courses - Software Engineering, Data Structures And Algorithms, Database Management System, Object Oriented Programming, Operating System

PROJECTS

NEED IT – TRACKING ISSUES

Duration of Project – 2 Month.

Technology - JavaScript, HTML, CSS.

Synopsis: Inserting and updating of records in DB for tracking issues, with the help of ServiceNow instance created an application.

MINI PROJECT - BUDGET DEVELOP SITE

Duration of Project – 1 Month.

Technology - JavaScript, HTML, CSS.

Synopsis: Calculation of income and expenses in the budget site are displayed and calculated over All Income and expenses yearly or monthly.

BRAIN TUMOR DETECTION USING CONVOLUTIONAL NEURAL NETWORKS (CNN)

Team Members – 4,

Duration of Project –6 Months

Technology - Python, CNN Algorithm, OpenCV.

A project represents an innovative approach to medical image analysis and diagnosis. In this project, advanced deep learning techniques are applied to assist in the early and accurate detection of brain tumors. with the help of python Library an MRI image is cleared and passed as input to CNN Algorithm. In Result we received 90% of Accuracy in detecting Tumor.

COLLEGE ACCOUNTING MANAGEMENT SYSTEM

Team Members –4

Duration of Project – 6 months

Technology - JAVA, JDBC, Oracle, Sql, Java Swing API.

Synopsis- The main objective of college accounting management system is to manage the details

of total fees of each student as per their seat and category, fees paid, fees remaining and to generate receipt. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of this project is to build an application to reduce the manual work for managing the college student fees details and track all the details about the college account.

CERTIFICATIONS

MICROSOFT CLOUD FUNDAMENTAL

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https://www.credly.com/badges/bf39836a-e01f-420f-b55c-345d928bbc2c/public_url

Topics covered -

Introduction to Azure and cloud concepts.

Core Azure services, including computing, networking, storage, and databases.

Azure pricing, SLA, and lifecycle.

Azure governance and compliance.

KAFKA

Learn and trained on Kafka Technology as a project need and cleared exam to gain certificate.

SKILLS

TEAMWORK/ABILITY TO WORK COLLABORATIVELY

PROGRAMMING LANGUAGES: JAVA, C++, JAVASCRIPT, C,PYTHON.

DATABASE MANAGEMENT: SQL, MYSQL, NOSQL,ORACLE DATABASE.

VERSION CONTROL: GIT AND GITHUB

SOFTWARE DEVELOPMENT LIFECYCLE: AGILE AND DEVOPS SDLC.

CLOUD COMPUTING: AZURE AND AWS CONTAINERIZATION: DOCKER AND KUBERNETES

TEST-DRIVEN DEVELOPMENT (TDD): JUNIT