Joydeep Banerjee
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PROFESSIONAL EXPERIENCE

DATACORE SYSTEMS, Philadelphia, PA || https://www.datacoresystems.com
Senior Software Engineer , Jan 2018 – Present

- Design and develop a secure ecommerce web application for a Govt. Enterprise using .Net Core MVC, Azure SQL Database, Azure Logic Apps, Azure Application Gateway, Azure VMSS, Azure DevOps, and Azure Functions and console application using .NET Core.
- Created a standalone application in .NET Core as a parallel project resulting more than 1.5M Dollar revenue growth for the client in a quarter.
- Implement and maintain cloud infrastructure on MS Azure and devise Continuous Integration using Jenkins and Continuous Deployment using Azure DevOps automating the software delivery lifecycle.
- Built Automation testing platform for testing API and web services using SOAP UI and Apache Groovy Script and Postman (JavaScript) for a Travel Industry ecommerce client.
- Collaborate with the team on data cleaning, transformation and data preparation using tools using Python, Azure Data Factory, and Azure Databricks.
- Work with the Data-Core Systems (DCS) AI team to build a Machine Learning platform that can automate the whole process of Supervised Machine Learning.
- Automate the pipeline using MLOps to streamline the Machine learning process without any human intervention.
- Participate in DCS's Pre-Sales pipeline for AI/Machine Learning Product and Service demonstrations and client onboarding.
- Liaise with DCS Marketing Team to create content for Artificial Intelligence, Predictive Analytics, Automated Testing, Data Engineering and Robotic Process Automation.
- Build project proposals against Request for Proposals (RFP) from the State and City Departments which includes Business Understanding, Feasibility Study, Technical understanding, Cost Analysis with Cost-Benefit ratios and proposing technical solutions teamed with architectural paraphernalia.
- Collaborate with teams across geographies to drive projects from kick-off to production.

DOIT, STATE OF ILLINOIS, Springfield, IL || https://www2.illinois.gov/sites/doit/Pages/default.aspx
Software Engineering Intern (Graduate Public Service Internship), Nov 2016 – Dec 2018

- Facilitated migration of the complete legacy system to SAP ECC.
- Studied the existing applications, analyzed workflows and created data flow diagrams and user stories in MS VISIO.
- Presented the application designs and process flows to the third-party software development team.
- Designed the schematic diagrams of the data and got them validated with the departments and the same process repeated for every new pattern of design and documents.
- Documented the whole workflow using flowcharts and use-case diagrams for posterity.

WIPRO LTD., Bengaluru, INDIA || https://www.wipro.com
Software Engineer, Nov 2012 – May 2016

- Led a cross-functional team of 5 consultants to design and implement HR applications for one of the biggest aircraft manufacturers.
- Successfully deployed 20+ software applications using Angular 1.0, SAP UI5(JavaScript), ABAP and OData.
- Collaborated with functional team closely during development to validate and assess functional fidelity leading to 30% high productivity.
- Mentored junior developers and did extensive code reviews based on the team's stipulated coding guidelines.
- Performed weekly scrum meetings as a senior engineer and report project status and concerns to the Architect and the Project Lead.
- Maintained issue tracker per sprint to manage issues efficiently and keep logs to perform retrospectives.

EDUCATION

UNIVERSITY OF ILLINOIS AT SPRINGFIELD (UIS), Springfield, IL
Master of Science in Computer Science, GPA: 3.87/4.0

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, Kolkata, WB, India
Bachelor of Technology in Computer Science, GPA 3.73/4.0

CORE COMPETENCIES

- **Technical Skills:** Web Application Development, Web API Development, Console Application Development, Microservices, DevOps, Automated Functional Testing, Automated API Testing, Big Data, Azure Machine Learning.
- **Programming Languages:** C#, Python, JavaScript (jQuery, ReactJS, NodeJS), T-SQL, Java, Groovy, HTML5, SAP ABAP
- **Tools:** Microsoft Azure, Visual Studio, VS Code, Docker, Azure VMSS, Application Gateway, Azure Container Services, Azure Kubernetes Services, SQMS, VS Code, Azure ML Studio, Azure Data Factory, Azure Databricks, Selenium, SoapUI, Visio, Tableau, MS Excel (VLOOKUP and VBA).
- **Soft Skills:** Ethical Decision Making, Project management, Critical thinking, Problem solving, Effective business communication, Business presentation, Marketing Strategies, Market Analysis, Business Performance Management, Client Management and Retention, and Strategic Planning.