

# Joydeep Banerjee

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## PROFESSIONAL EXPERIENCE

**DATA CORE SYSTEMS, Philadelphia, PA** || <https://www.datacoresystems.com>

**Software Engineering Manager** March 2020 – Present

- Lead software engineering for products with cumulative annual budget of 1M dollars.
- Create Web Apps, APIs, AI Chatbots using .NET Core and Microsoft Azure generating more than a cumulative 2M dollars in revenue and 40% increase in customer retention and more than 50% increase in delivery efficiency.
- Create data pipelines leveraging Azure Data Factory with Azure Data Lake as the data source of truth and automating the pipeline to increase process throughput by 150 % removing almost all human intervention after the 1<sup>st</sup> iteration.
- Maintain continuous validation process with business stakeholders on feature concepts and designs improving fidelity by 70%.
- Successfully completed the launch of 1 web application and more than 20 new features for 2 other Live applications for the City of Philadelphia.
- Working now on a Computer Vision product for a Boston based AI startup; successfully fast tracked the MVP development and initiated usability testing at a record time of 2 months using Lean approach.
- Perform regular sprints with the team to track progress, understand pain points, render help wherever possible, research together with designers and architects till an optimum solution is found.
- Presented in 10 webinars and 3 conferences to date advertising Data-Core's competencies and practices.
- Written more than 20 technical blogs, articles, presentations for getting the word out before new releases.

**Software Engineer - Sales** Jan 2018 – Feb 2020

- Worked as an API Sales Software Engineer for a client, one of the biggest European travel websites, and onboarded and managed the client's 10 biggest US Market customers helping the client expand its US market portfolio by 150 % in 2 years.
- Participated in Pre-Sales as a Subject Matter Expert on the API Platform and the allied business domain.
- Prepare documentation and sample codes in .NET, Node JS and Django Frameworks to expedite customer on-boarding and smoothen integration exercise.

**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 2017

- Worked as an SAP Technical expert in a legacy system migration to SAP ECC for the Illinois Capital Development Board.
- Introduced task automation in daily IT processes to increase efficiency by at least 50%.
- Studied existing legacy applications, analyzed workflows and created data flow diagrams and user stories in MS VISIO.
- Presented application designs and process flows to the third-party software development team for purposes of migration.
- Helped the non-IT staff get accustomed to IT tools like Google Spreadsheet, Google Drive for easier collaboration, to using network drives, PDF Editors, Web-Browser Extensions easing their daily work considerably.

**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 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*

## CERTIFICATION

**Certified Scrum Product Owner (CSPO), January 2021**

## CORE COMPETENCIES

- **Technical Skills:** Web Development, DevOps, Automated Testing, Machine Learning, Azure Cloud Management, AWS Cloud Management
- **Programming Languages:** C#, Python, JavaScript, SQL, Java, Groovy, HTML, ABAP