

Joydeep Banerjee

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PROFESSIONAL EXPERIENCE

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

Manager, Product and Engineering 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 1st 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 / API Product Manager 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, Linux Administration, Docker
- **Programming Languages:** C#, Python, JavaScript, SQL, Java, Groovy, HTML, ABAP