JOYDEEP BANERJEE

PROFILE

- Over 6 years of IT experience as a software consultant architecting software solutions along with project management roles.
- Facilitated on-time, on-budget and successful "go-live" of enterprise implementations for up to 100,000 global users.
- Strong programming ability in object-oriented paradigm with high fluency in C, Python, JavaScript, PHP, Golang, SQL, JAVA, jQuery, Groovy-script, SAP ABAP, HTML5 and R.
- Strong mathematical and statistical aptitude with abilities to translate business problems into algorithmic solutions.
- Expertise in reading and munging raw data and perform data analysis using techniques like descriptive analysis, predictive analytics and machine learning to derive meaningful insights for customers using R and Microsoft Excel.
- Create intuitive data visualization dashboards using Tableau, Python's matplotlib, R's ggplot2 and MS Excel.
- Develop automated scripts using Groovy with SOAP UI for testing APIs and webservices and selenium scripts to perform functional automation testing for web applications.
- Design and develop User Interfaces using UX prototyping tool like Bootstrap and ReactJS.
- Expert in creating visually appealing and succinct product specific technical specification documents usable across all departments.
- Conduct training for client's end customers on product features and assist in API Integration processes.
- Able to perceive product design, user experience design, technical viability analysis, goals, roadmap creation and planning from an entrepreneurial perspective.
- Eloquent in creating project backlogs and sprint planning, conducting daily standups and performing scrum retrospectives throughout SDLC.
- Proficient in project management tool JIRA for managing user stories and tasks using dashboards. Efficient in MS Visio to create user stories and flow diagrams in UML.
- Possess a robust acumen for collaborating with the users/customers from diverse geographies for requirements elicitation, project planning and interfacing with internal development teams.
- Manage client's projects involving teams across geographies and disciplines and maintain strict delivery timeline to meet client's business targets.
- Strong working knowledge of Software Configuration Management which includes change management, ticket processing and product evaluation based on configuration baselines.
- Maintain customer relationship with client's end customers using Salesforce CRM and providing technical support for critical/high priority issues with 80% success in on- time turnaround.
- Mentor internal team members on varied technical subjects learnt through experience and academic coursework.
- Author technical write-ups and blogs for the internal marketing team to run marketing campaigns for Data-Core Systems and the collaboration has significantly spiked company's website traffic according to Google Analytics Reports.

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WORK EXPERIENCE

Data-Core Systems | http://datacoresystems.com/
Solutions Architect, Project Manager

Client: Rail Europe   2017 – Till Date
- Design implementation plan and perform training workshops with travel agencies across North America to help them implement integration of RailEurope APIs and Web Services.
- Conduct training on Rail Europe's plug-and-play product for solution integration, Rail Engine, with travel agencies and set up backend configurations specific to customer requirements.
- Build Automation testing platform for testing API and web services using SOAP UI and Apache Groovy Script and Postman (JavaScript).
- Write Functional automation testing scripts in Selenium and Python to test Rail Europe's website performance and content.
- Liaise with the customers during the implementation process of Webservices and, also, providing post implementation support.
- Collaborate with the Support team to manage escalations using Salesforce and address tickets related to Web Services and the Rail Europe website.
- Work with the development partner DUO on issues that require developmental support.
- Handle varied development and customization projects as Project Manager with on-time and bug-free deployment at almost 90% effectiveness.
- Collaborate with teams across geographies to drive projects from kick-off to production.
- Analyze CRM data and build reports and dashboards presented to the client's internal team to facilitate stronger customer support.
- Conduct exploratory functional testing on RailEurope websites to assess performance and capture idiosyncrasies. Advise RailEurope on possible amendments and build UX mockups for the updates.

Client: City of Philadelphia – Department of Records   2017 – Till Date
- Design and manage the development of the new portal for the Department of Records, City of Philadelphia
- Implement and maintain cloud infrastructure on MS Azure and devise Continuous Integration and Continuous Deployment automating the software delivery lifecycle abiding by DevOps methodologies.
- Work with the client to understand the business challenges and offer technical solutions to the same.
- Design the technical project workflow and process specifications.
- Design the database schemas using Entity-Relationship Modeling and MS- SQL.
- Develop the UI for the portal using Bootstrap 4, jQuery and React JS.

Internal: Data-Core Systems Inc
- Work on Request for Proposal to understand business requirement and propose technical solutions based on the requirement, feasibility, timeline and budget.
- Build materials for the Software Practice and work with team-mates to create knowledge-base on niche technologies like Data Science, Analytics and Blockchain.
- Write blogs and technical articles for marketing campaigns in collaboration with the Data-Core marketing team.

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Capital Development Board, Illinois.Gov **|** https://www.illinois.gov/cdb
Graduate Public Service Intern:

Project: eBuilder Migration 2016 –2017
- Facilitated migration of the complete legacy system to e-Builder.
- 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.
- Discussed with the relevant departments to gain clear understanding of the documents and the hierarchy and the patterns that needed to be maintained for easy retrieval.
- 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.
- Emulated the approved schemas in Docu-Ware and populated the documents.
- Documented the whole workflow using flowcharts and use-case diagrams for posterity.

Wipro Technologies **|** https://www.wipro.com
Software Developer, Technical Lead:

Client: Airbus 2012- 2016
- Designed and implemented 20+ applications in SAP HR for the Airbus Group using AGILE SCRUM.
- Worked as a SCRUM master with Product Management roles building full stack MEAN web applications.
- Developed object-oriented JavaScript code in Node JS environment using Angular JS, Express JS and Mongo DB.
- Performed Unit testing and documented the test cases to be sent for customer approval along with each deliverable
- Led a cross-functional team of 5 consultants as a Scrum Master and a senior AGILE software developer.
- Collaborated with the functional team to create Functional Specification Documents based on customer's Business Requirement Documents.
- Wrote Technical Specification Documents with utmost care to detail to minimize knowledge gap while developing.
- Developed maintainable and comprehensible code in SAP ABAP based on object-oriented paradigm.
- Prepared Unit Test cases and validated them with the client to ensure foolproof delivery.
- Maintained issue tracker per sprint to manage issues efficiently and keep logs to perform retrospectives.
- Put high emphasis on retrospection after every sprint to analyze mistakes and plan better for the next.
- Devised project specific coding guidelines to maintain programming standards across the team and reduce code failures.
- Created project analytics reports using Excel (VLOOKUP, pivot tables, Basic Macros).

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SKILLS

Technical Skills: C, Python, SQL, Java, Groovy, R, HTML5, JavaScript (jQuery, ReactJS, NodeJS), SAP ABAP, PHP, Web Services, VBA, C#
Tools: Microsoft Azure, SOAPUI, Selenium, Postman, Visual Studio Code, Salesforce (Admin), SAP(HR), MS Visio, MS Excel, Tableau, Google Analytics, Sublime Text, Adobe Creative Suite

EDUCATION

University of Illinois -Springfield   Fall 2016-Fall 2017
Master of Science in Computer Science   GPA: 3.87(4)

West Bengal University of Technology   Aug 2008- Jul 2012
Bachelor of Technology in Computer Science   GPA: 3.73(4)

CERTIFICATIONS

Six Sigma – Yellow Belt Certified, SCRUM Study- Accreditation Body for Scrum and Agile, 2017

PROFESSIONAL HONORS AND AWARDS

Outstanding Team Player (2015), Flex Delivery Center, Wipro Technologies