

# Souvik Das

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Website- <https://souvik93.github.io/svk-portfolio/>

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## PROFESSIONAL SUMMARY

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- Experienced Senior Software Development Engineer with a demonstrated history of working in the Information Technology.
- Have good exposures on Banking & Finance domain.
- Worked as a Full Stack Developer in Accelerated Delivery Centre (A.D.C.), the R&D division of Capgemini in developing company's proprietary accelerators and other development IP.
- Commitment towards developing best practices including live deployment environment industry grade naming conventions, coding methodologies and proactive problem solving.
- Possess effective "Problem Solving" & "System Design" skills.
- Self-Starter, Quick learner & Good Team player.
- Extensive experience and knowledge on managing end to end delivery of complex projects covering requirement gathering, analysis, end to end design, development, build, testing and production release.

## EXPERIENCE

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Current Company Name: Microsoft Feb'21 - Present  
Designation: Software Engineer  
Location: Hyderabad , India.

Company Name: Mastercard Dec'19 - Jan'21  
Designation: Software Development Engineer II  
Location: Pune, Maharashtra , India.

Company Name: Deutsche Bank Group Aug'18 - Dec'19  
Designation: Senior Technology Analyst  
Location: Pune, Maharashtra, India.

Company Name: Capgemini India Private Limited Feb'16 - Aug'18  
Designation: Senior Software Engineer  
Location: Pune, Maharashtra, India.

## PROFESSIONAL CERTIFICATION & AWARDS

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- Oracle Certified Associate, Java SE Programmer.

- Microsoft Certified : Azure Fundamentals.
- Oracle Cloud Infrastructure Foundations 2020 Certified Associate.
- Oracle Autonomous Database Cloud 2019 Certified Specialist.
- Received “**Simplify**” award for simplifying end user experience. Mastercard, October, 2020.
- Received “**Sense Of Urgency - Brave Award**” for playing a critical role in helping to get MCP developed and moved to pilot stage in Egypt Release, Mastercard , July, 2020.
- Received “**dbRockstar**” award for ongoing commitment through out the year to deliver a quality product to the business users, Deutsche Bank, October, 2019.
- Received “**SPOT-Excellence Award**” , Deutsche Bank. February , 2019.
- Received “**Rising Star**” award, the practice excellence award given for outstanding performance and playing a key role in achieving stakeholder’s satisfaction, Capgemini, August, 2017.
- Received “**Pat On Back**” award, the practice excellence award given for exemplary work towards the project deliverables, Capgemini, August, 2016.
- CRIT Hackathon Winner for developing solution for extracting NAV related Data from PDF, email using Python & Angular & NLP, Deutsche Bank, March, 2020.

## TECHNICAL ACUMEN

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<b>Professional Tools</b>	Eclipse, STS 3.7, VS Code, Git, SVN, Docker, SonarQube, Maven, Jenkins, Team City , Rally, JIRA, BitBucket, GitHub, VSTS.
<b>Languages</b>	Java, JavaScript, TypeScript, Python, .NET.
<b>Web Technologies</b>	Angular 8, HTML 5, CSS 3, Bootstrap, React JS, Node JS, Yeoman, Gulp, Npm, Yarn, Express JS, Ajax, LESS, SASS, RxJS, RxJS Store, Ag-Grid, Prime-Ang, Angular JS.
<b>Testing Tools</b>	Karma, Jasmine, JUnit, Mockito .
<b>Databases</b>	MongoDb, MySQL, OracleDb, PostgreSQL.
<b>Webservers</b>	Tomcat 7, nginx, Node Server.
<b>Backend Technologies</b>	Spring Boot, Spring MVC, Hibernate, Spring JPA, REST API, Kafka.
<b>OS</b>	Windows XP/7/10, UNIX .
<b>Cloud Technologies</b>	PCF, Microsoft Azure .

## Others

Data Structure & Algorithms , HLD & LLD, System Design, Micro services.

## PROJECT DETAILS

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**Project:- Enterprise Data**

**Organisation:- Microsoft**

Feb'21 – Present

**Role:** Software Engineer

"Data Governance" tool which helps enterprises to solve data related problem. This tool provides end to end solution to solve data related problem using various Azure's offerings.

### Responsibilities & Contributions:

- Involved in understanding the business functionality of the application.
- Involved in Full Stack Development of certain components starting from UI to REST Api and deployment.
- Involved in designing solution using various Azure's offering.
- Involved in peer code review.
- Involved in HLD & LLD of new features.
- Worked on data access provisioning system.

### Technology & Tools Used:

Angular, React, Bootstrap, JavaScript, TypeScript, HTML, CSS, Sonar, Data Structure & Algorithms, System Design, Microsoft Azure, .NET, Azure Storage, Azure Data Lake.

**Project:- MCP**

Dec'19 – Jan'21

**Organisation:- Mastercard**

**Role:** Senior Full Stack Developer

MCP is a global financial inclusion program. MCP enables financial institutions to extend credit to small and micro enterprises (SMEs) in developing markets by leveraging supply-chain data through fast-moving consumer goods (FMCG) distribution channels. The availability of microcredit reduces cash dependency, offers growth potential for SMEs and provides a framework for inclusion in the formal economy.

### Responsibilities & Contributions:

- Involved in understanding the business functionality of the application.
- Involved in Full Stack Development of certain components starting from UI to REST Api and deployment.
- Involved improving the performance of existing application.
- Involved in peer code review.

- Involved in HLD & LLD of new features.
- Involved in designing & integrating new microservices.
- Developed solution for multi language supports across the web portal.

#### **Technology & Tools Used:**

Angular 8, Bootstrap, Java, Spring Boot, PostgreSQL, Jenkins, PCF , Android, TypeScript, HTML, CSS, Sonar, Bit Bucket, Rally, Data Structure & Algorithms, System Design.

#### **Project:- Real Money Funding Application**

Aug'18-Dec'19

**Organisation:- Deutsche Bank**

**Role:** Full-Stack Developer

A "Real Money Account" is an account managed by a money manager that has funds to buy securities at their full value. Real money does not borrow or leverage to buy the securities but has the actual cash required to buy the securities. Real Money Accounts are typically used by investment companies such as pension funds, hedge funds.

#### **Responsibilities & Contributions:**

- Involved in understanding the complete architecture of existing system.
- Involved in the bug fixing of the defects.
- Designing various reusable Angular components and Responsive UI screens using HTML5 , Bootstrap as per the requirement.
- Involved in integration of frontend code with backend using REST Api.
- Involved in High level design & low level design of newly developed feature.
- Involved on managing Development Team and tracking project status and resolving issues faced during development and deployments.
- Involved in writing unit test cases using Karma Jasmine framework.
- Involved in code deployment in various environments.
- Involved in interaction with business for understanding new requirements.
- Involved in presenting demo of developed application to business after each sprint.
- Involved in Scrum, SAFE Agile planning session.

#### **Technology & Tools Used:**

Angular 5, RxJS, RxJS Store , HTML 5, CSS 3, Bootstrap, Java 8 , Kafka, Team City , JIRA , BitBucket, Data Structure & Algorithms.

#### **Project:-Energy Losses**

Feb'18- Aug'18

**Client: - UK Based Insurance Client**

**Organisation- Capgemini**

**Role:** UI Developer

A leading global advisory, broking and solutions company that helps clients around the world turn risk into a path for growth. Energy losses is a project that involves the up gradation of the existing tool that stores various insurance related loss details.

**Responsibilities & Contributions:**

- Involved in understanding the business functionality of existing application.
- Involved in understanding the complete architecture of existing system.
- Involved in the bug fixing of the defects.
- Designing various Angular components and Responsive UI screens as per the requirement.

**Technology & Tools Used:**

Angular 4, HTML 5, CSS 3, Bootstrap, Azure Devops, Azure.

**Project: Accelerated Delivery Centre (ADC)**

Feb'16 – Feb'18

**Role:** Software Developer

Accelerated Delivery Centre (R&D division) of Capgemini group which facilitates transformation as per global trendy smart future needs. It operates full-stack pods working in a Lean-Agile development outfit, independently managing their 1-2 week sprints to deliver System of Engagement projects. Breathing a Lean startup culture, ADC delivered the solution through an integrated tool-chain, solution accelerators, 12-factor design principles, automation, numerous Reusable components and continuous innovation. This culture and ecosystem generates 30% cloud ready code, thus enabling client to out-do their Time-to-Market and quality goals while keeping global development best practices intact within the project.

**Responsibilities & Contributions:**

- Developed modules of various applications in Core Java, Spring Framework, HTML, CSS, Angular.
- Involved in understanding the business functionality of existing application.
- Involved in understanding the complete architecture of existing system.
- Involved in capturing, analysing, and documenting the requirements in form of high fidelity screens.

**Technology Used:**

React JS, Node JS, Express JS, Java 8, Spring Boot, Python, Angular.

**EDUCATION**

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- M. Tech (CSE), Heritage Institute of Technology, Kolkata, 2016. CGPA: 8.4
- B. Tech (CSE), West Bengal University of Technology, Kolkata, 2014. CGPA: 7.5
- Higher Secondary Exam (XII), W.B.C.H.S.E., 2010. Percentage- 66.4%
- Secondary Exam (X), W.B.B.S.E., 2008. Percentage- 70.5%

**PERSONAL DETAILS**

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Full Name	Souvik Das
Nationality	Indian
Linguistic Abilities	Bengali, English, Hindi