Curriculum Vitae

Name　　　　: **Dipan Mandal**

Current Address: India, Karnataka, Vurthur, Bengaluru– 560087

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Career Objective:

Professional java software developer with good knowledge of Object Oriented Programming, Design Patterns. Want to explore different languages and acquire more skills to develop and design better software.
Open for Foreign opportunities.

Summary:

- Experienced JAVA back-end developer proficient in developing APIs with good design pattern and optimized code for low response time.
- Adapt in all steps in System Development Life Cycle
- Good communication, organizational & interpersonal skill, strong analytical and problem-solving ability.

Skills/Technical Experience:

- Core Java
- Spring MVC, Spring Boot
- REST API –APIs backed by SQL and NoSQL databases
- Angular
- Java collection framework
- Data structure and algorithms
- RDBMS (Derby, Oracle, MySQL)
- NoSQL(Mongo, RethinkDB, DynamoDB)

Professional Experience: (6years & 8months)

Zemoso Technologies (India) 29th January till date	**Job Title:** Senior Software Engineer II **Project:** EBay Code Migration **Project Summary:** EBay is migrating their internal framerok version from 2.x to 3.x. Raptor framework they are using **Responsibility:** Post migration validate all functionalities, pass unit tests, integration tests and do code changes to make it compatiable with java 17 **Project:** Applicant Checker Application **Project Summary:** Checker application helps Human Resource team to keep records of candidate application status, background verification status. HR team can trigger actions if candidate does not response within specific time frame. Front-end built with angular. **Responsibility:** Enhancing the app according to new requirements. Analyse user request if action is not triggered and take appropriate actions.

	In angular need to build reusable components for new as well as existing screens.
Global Logic (India) 9months 12th April 2023 till 26th January 2024	**Job Title:** Associate Consultant **Project:** Dynamic Advertisement Generation **Project Summary:** Java application designed using sturts framework and apache flex frontend. Application is used to generate dynamic advertisements depending upon the website space available for the ads to be displayed. Another module is used to configure the dynamic ads and create ads campaign. **Responsibility:** Bug fixes and alert monitoring. Work on alerts immediately if I am an oncall person else need to work with other team mates for the alert analyzing and provide solution or enhancement ideas to auto resolve the alerts.
Accenture (India) 1year & 4months 24th September 2021 till 11th April 2023	**Job Title:** Application Development Senior Analyst **Project:** Java Upstream & Downstream application **Project Summary:** Application used to download/fetch data from external vendors, as well as upload/put data in external servers. External servers also fetch data from this application via APIs or SFTP connections. We use factory design pattern to communicate with each external vendors. **Responsibility:** Develop new functionalities to connect to new vendors. Enhance existing functionality with new requirements. Update Spring APIs according to changes in DB structure. Update DB structure according to new data-set received from external vendors. Create new module for newly registered external vendors. Perform DBA actions to Insert, Delete, Update data in DB. Do research for functionality upgrade tasks. Need to work for front-end with Angular as per requirement. **Key Technologies:** Java Enterprise, Core Java, Design Patterns, Collection frameworks, REST APIs, FTP connections, Angular.
Edifixio (India) 1year & 4months 4th May 2020 till 17th September 2021	**Job Title:** Software Engineer **Project:** Electric equipment e-commerce website **Project Summary:** Application used to Place order, Get quotation for selected products, check availability of product, search produce via catalog number, schedule order periodically, etc. **Responsibility:** Develop and enhance back-end APIs which supported the front-end UI.The application would be accessed from several countries, so need to create country specific configuration and modify them as per requirement from Country head. Modify front-end UI as and when required. **Key Technologies:** Java Enterprise, Core Java, Design Patterns, Collection frameworks, REST APIs, SpringBoot, Hibernate, Nodejs, AngularJS. **Job Title:** Software Engineer **Project:** Patient Management Website **Project Summary:** Application used to maintain patient details like what services they used, what package they used.

	Responsibility: Develop and enhance back-end APIs which supported the front-end UI.The application would be accessed from several countries, so need to create country specific configuration and modify them as per requirement from Country head. Modify front-end UI as and when required. **Key Technologies:** Java Enterprise, Core Java, Collection frameworks, REST APIs, SpringBoot, AngularJS. **Job Title:** Software Engineer **Project:** Residential Society Management Website **Project Summary:** Application used to maintain owner/landlord, tenant, visitor details. **Responsibility:** Develop and enhance back-end APIs which supported the front-end UI.The application would be accessed from frontend written in Angular. **Key Technologies:** AWS API Gateway, Lambda(Java, NodeJS), S3 Bucket, DynamoDB.
Global IDs (India) 2years & 3Months 5th February 2018 till 15th May 2020	**Job Title:** Software Developer (1year & 6months) **Project:** Data Ecosystem Management Suite **Project Summary:** Product with which organizations can manage their huge data repositories. Scan data to find relationships between data, determine data flow. Find some unused data in DB. Create lineage for data flow. **Responsibility:** Product written using java and internally developed framework. Need to understand and modify and add functionalities as per requirement. Create APIs to let the product be integrated with other software. Create test scripts with TestNg. **Key Technologies:** Java Enterprise, Core Java, Design Patterns, Collection frameworks, REST APIs, FTP connections, Socket Connections, Kafka, Derby Database, MongoDB. **Job Title:** Software Developer (3months) **Project:** Website Resource Scrapper **Project Summary:** Project using WebFlux. Pull Data from different website and populate own database with specific model. **Responsibility:** Create APIs to fetch data from different websites via their APIs and map the response to internal data model. **Key Technologies:** Java Enterprise, Design Patterns, Collection frameworks, REST APIs, WebFlux. **Job Title:** Software Developer (3months) **Project:** Chef Exam Platform **Project Summary:** Node JS back-end developed with RethinkDB to create CRUD application with required business logic. Applicants can register for exam and take the exams which are live in current time slot. **Responsibility:** Create CRUD application from scratch. Co-ordinate with front-end developers for implementation. Perform DBA actions to provide Question and Answers for tests. Create

	logic to evaluate test results for explanation based questions. Provide support for different types of options like multiple choice, true/false, picture type options, etc. **Key Technologies:** Nodejs, Angular, REST APIs, RethinkDB. **Job Title:** Trainee Software Developer (3months) **Project:** Data Ecosystem Management Suite **Project Summary:** Product with which organizations can manage their huge data repositories. Scan data to find relationships between data, determine data flow. Find some unused data in DB. Create lineage for data flow. **Responsibility:** Get knowledge transfer for the internal framework designed by the organization. Develop new testing modules to get familier with the product. **Key Technologies:** Java Enterprise, Core Java, Design Patterns, Collection frameworks, REST APIs.

Additional Skills:

JavaScript, TypeScript, NodeJs, Nginx, Teamcity, UDeploy, PM2, AWS(EC2, S3, API Gateway, DynamoDB), MySQL, DigitalOcean(Droplet), Jenkins, Docker.

Academic Qualifications:

Degree / Certificate	Degree	Discipline	Institute	Board / University	Year of Passing	Aggregate % / CGPA
Graduation	B.Tech	Computer Science & Engineering	Bengal Institute of Technology	M.A.K.A.U.T.	2018	**7.8**
12th	Senior School Certificate Examination	Computer Science	Future Campus School	C.B.S.E.	2014	**78.8%**
10th	Secondary School Examination	General	B.D.M.I.	C.B.S.E.	2012	**74.1%**

* Aggregate Marks mean *Summation of the marks obtained in all the subjects (including optional subjects) divided by the total marks in all subjects.*

Hobbies:

- Cycling
- Craft works
- Swimming

Personal Details:

Date of Birth   : 22nd Apr 1996

Gender   : Male

Permanent Address   : Vurthur, Bengaluru - 560087

Languages Known   : Bengali, English and Hindi

Date   : 03-10-2024