

# AMITDEB PRASAD BHATTACHARYA

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## EDUCATION

**Illinois Institute of Technology**  
**M.S Computer Science, GPA: 3.875**  
**West Bengal University of Technology**  
**B.S. Electronics and Communication, GPA: 3.75**  
**Relevant Coursework**

**CS442** – Mobile Applications Development  
**CS587** – Software Project Management  
**CS535** – Design and Analysis of Algorithms  
**CS513** – Geospatial Vision and Visualization

**CSP554** – Big Data Technologies  
**CS525** – Advance Database Organization  
**CS584** – Machine Learning  
**CSP584** – Enterprise Web Applications  
**CSP586** – Software Modeling Dev with UML  
**CS542** – Computer Networks I

**Class of 2018-2020**

**Class of 2010-2014**

## SKILLS

### Languages

HTML, CSS3, JavaScript, Java

### Frameworks

Spring, Spring Boot, Hibernate, React JS, Node JS

### Database

MySQL, MongoDB, PostgreSQL

### Tools

Mockito, Postman, Docker, Jira, Confluence

### Version Control

Tortoise SVN, GIT

## PROFESSIONAL EXPERIENCE

**Idexcel Inc | Virginia, USA**

**01/20/2020 – till date**

### Full-Stack Developer with AWS – Cync Software

- Designed and developed REST APIs based on serverless microservice architecture for financial software product
- Added new features by working on Spring Boot and AWS in 3-tier architecture
- Extensively used Git to collaborate with 50+ team members
- Worked on JWT token expiry and renewal.
- Developed unit tests using Mockito and integration tests using Postman
- Used SonarQube for static code analysis and code coverage
- Worked in an agile environment with bi-weekly sprints
- Extensive experience in developing web pages using HTML/HTML5, XML, DHTML CSS/CSS3, JavaScript, React JS, JSON, Spring Boot, Axios, Bootstrap.
- Experience in all phases of SDLC like Requirement Analysis, Implementation, and Maintenance, and extensive experience with Agile and SCRUM.
- Working knowledge of Web protocols and standards (HTTP HTML5/XHTML/XHTML-MP, CSS3, Web Forms, XML, XML parsers)
- Expertise in the React JS framework to develop the SPA. Familiar with creating Custom Reusable React Components Library.

**Deloitte Consulting USI | Bangalore, India**

**06/27/2017 – 06/29/2018**

### Business Technology Analyst / Software Developer – Anthem (BlueCross BlueShield)

- Involved in developing the application using Java/J2EE platform. Implemented the Model View Control (MVC) structure using spring. Involved in the analysis, Design, Coding, and testing phases of the project management.
- Followed Agile Software Development with Scrum methodology.
- Involved in writing Controller Classes, Manager Classes, and DAO Classes using Spring MVC Framework.
- Implemented spring configuration files for the beans defined and properties to be injected into them using Spring Dependency Injection.
- Experience used Spring Boot which is radically faster in building cloud Microservices and develop a Spring-based application with very less configuration.
- Used Web services RESTful for transmission of large blocks of XML/JSON.
- Responsible for developing and unit testing assigned software features and functionalities.
- Performed technical root cause analysis and outline corrective action for given problems/defects.
- Provided reliable solutions to a variety of problems using sound problem-solving techniques.
- Participated in daily meetings to communicate work progress and potential roadblocks.
- Worked to continuously improve software delivery processes and practices.

**Cognizant Softvision | Mysore, India**

**12/22/2014 – 05/29/2017**

### Software Engineer – Macy's

- Worked on agile scrum methodology and involving in stand-up meetings to monitor the progress.
- Involved in requirements gathering, analysis, design, and documentation of the application.
- Implemented the backend business layers using spring and web services.
- Implemented Java EE components using Spring MVC, Spring IOC, Spring Transactions, and Spring Security Modules.
- Developing microservices using Java Spring Boot, Hibernate, Restful services with good quality of code.
- Configuring the spring integration XML to route requests to respective databases.
- Developed test scripts in JUnit and involved in testing.
- Coordinated with the onsite team for requirement transition and providing the necessary inputs required for the successful execution of the project.

## ACADEMIC PROJECTS

- Developed BestDeal website by using Java technologies which is a similar to amazon website. Technologies which are involved like html, CSS, JavaScript, java, python, MySQL and mongo db.
- Developed SportsHub website which is sports ticketing hub where customer can purchase sports ticket of event for upcoming sports event by city location basis. StubHub Api is being used to get live data of sports event.