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ARGHYA CHAKRABARTY

Software developer & architect with 10+ years of experience in the area of large enterprise application and full-stack web development. I work with focus on great design, maintainability, high performance and solid security. Have worked in e-commerce, Health Care, Insurance (Life, Annuities) & Telecom domains.

Experience

- Currently working for **BT** (LON: BTA), as Architect/Technical Manager from Accolite India, from Oct 13.
- SSE at ABCO Advisory Services India (The **Advisory Board Company**, NASDAQ: ABCO), Dec 10 – Oct 13.
- Programmer Analyst at **Cognizant** Technology Solutions (NASDAQ: CTSH), Nov 07 – Dec 10.

Profile

- Experience as full-stack developer, technical architect & software application designer. Have built high energy engineering teams from ground-up, trained, mentored & worked side-by-side.
- A continuous learner, problem solver, team player. Strength in attention to detail, technical review & building products from scratch - which are intelligent, reliable, fast, intuitive & maintainable.

Skills

- OOP & design, C#, .NET, ASP.NET Core, MVC, Web Services, REST, Web API, Multithreading, Azure, RabbitMQ, JavaScript (including jQuery, Angular JS, Bootstrap3 etc.), SQL Server, Neo4j, NUnit, MSTest, Moq, Cucumber, SpecFlow, IoC/DI, EF, Git, GitHub, HTML5, CSS3, XML, JSON, ProtoBuf, build tools, CI/CD pipelines etc.
- Clean modular architecture, Design Patterns, Data Structures, Algorithms, RWD, Agile, Scrum, TDD, BDD

Work Highlights

BT Commerce platform | http://business.bt.com/

Currently leading design & development for BT's e-commerce platform for corporate customers. The system is built as SaaS, based on SOA structure, has multiple front ends for customers and agents, with lot of automation.

- Working as an architect, designing & developing a smart B2B e-commerce infrastructure
- Automated product data management and *brought down release time from months to few seconds*
- Re-wrote application to *improve page-by-page load time by 30-90%* (custom SPA framework with RWD)
- Completely *automated price-change process with version history*, while maximizing performance

Clinical Integration, Ambulatory | http://www.advisory.com/technology/crimson-continuum-of-care
Clinical Advantage Apps | http://www.advisory.com/technology/crimson/about-crimson-clinical-advantage

As member of the core product development team at ABCO, developed analytic engines, web interface & ETL tools that load large health care data into data stores, run analytics and produce intelligent insights.

- Lead the developed of the complete patient tracking product, dashboard infrastructure and user profile management system. Built RESTful APIs to integrate distributed components
- Created and maintained set of ETL tools that that parse and load large medical data (EHR with CPT, ICD etc., from various health care EDI formats such (837, NSF, HCFA etc.) and produce industry standard measures like PQRI, HEDIS etc.

Developed and maintained multiple insurance products for Cognizant. The suite of products automate claim processing, policy administration & user management systems for big multinational insurance houses (John Hancock, ACE Insurance USA). Redesigned and ported old legacy systems into modern infrastructure & added new capabilities. Worked on multiple platforms like Mainframe, .NET, SQL Server, DB2, PL/I, Progress 4GL etc.

Education & Other Profiles

- **B.Tech** in Electronics & Communication Engineering, WBUT (2003-07, GPA 8.21)
- **Personal blog https://arghya.xyz**
- **Public profiles LinkedIn** (https://www.linkedin.com/in/charghya/), **StackOverflow** (https://stackoverflow.com/users/2563833/arghya-c), **GitHub** (https://github.com/chakrabar)