Shiv Bansal

Software Developer

📍 Delhi, India

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SKILLS

- Assessing and designing algorithms in terms of their space and time performance and optimality. **Data structure** concepts (trees, graphs, heaps, linked-list, hashing etc.) and the **algorithms** related to them.
- Designing **Micro-services** based architecture: Decomposition of modules, **Distributed Systems,**
- **Java, Spring Boot, Reactive Java**
- **C++, C#**
- **Game Development : Unity**
- **Kafka, Cockroach db, Redis, PostgreSQL**
- **Kubernetes, Helm Charts, Spinnaker, CI/CD**
- **Prometheus, Grafana, Jaeger, Kibana**
- **AWS**
- **Agile/Scrum methodology**

AWARDS & ACHIEVEMENTS

- Team lead, designer and developer of the team Quad Core project "The Escape" which was chosen in the top four game projects in all over India in Microsoft Imagine Cup 2014 and won 40K INR.
- Gameplay-link : youtu.be/5koUpb6d1H8
- Won delivery unit prize for best idea for innovation in Accenture in December 2014.
- Leader and won the Techgig Coding Challenge (Sep, Nov, DEC 2012) in C#, C, C++.
- Scored overall 99.3 percentile in E-litmus Exam (Aptitude based Exam).

About Me

Hands-on experience in specializing object oriented approaches in full lifecycle of software development process. Able to analyse code and engineer well-researched, cost effective and responsive solutions for scalable multi-layered web-applications

WORK EXPERIENCE

➤ Associate Software Engineer (Backend)

Dynamo Chase Digital Bank l London Remote | Jan,2022 ...

Worked in the implementation of back-end services, APIs and integrations that provide insights information of customer spends like digital transfers, card swipes, rewards etc.

Tech Stack :
Java, Spring Boot, Reactive Java, Kafka, Cockroach db, Kubernetes, Cucumber framework, Helm Charts, Spinnaker, Prometheus, Grafana, Jaeger, Kibana, AWS

➤ Unable to work due to a serious injury | July,2019 - Dec,2021

➤ SDE II - Backend Development for MMT Hotels Search & Cache Team

MakeMyTrip l Gurgaon | May,2018 - June,2019

Whole purpose of cache is to give fast response time during hotels searching as we experience average daily traffic of 30 Million requests. While Search part involves requests and responses from different domestic and international vendors. Involved in the development of cache system improved the response time by 30x for nearly 95% of request.

Tech Stack :
Java, Spring Boot, Couchbase db, MySql, Redis, Grafana, Kibana

➤ SDE - Backend Development for Samsung USA Ecommerce Team

Samsung l Chennai (Contract Based) | July,17 - Apr,2018

➤ Front-end Developer

Airtel l Gurgaon, Bangalore | July,2014 - June,2017

Joined as a consultant in Airtel via Accenture . Converted into fulltime employee in 2016 as a Frontend-Developer.
Front-end/Web Development for Airtel Global Business Portal (Phase 1) from scratch. Developed and maintained responsive User Interface for the revamped Airtel website and mainly focussed on recharge portal where client can purchase various packs like Data, Voice, SMS according to their requirements.

Tech Stack :
Javascript, Angularjs, CSS, Bootstrap, Github

EDUCATION

B.Tech Computer Science 2013 l Maharshi Dayanand university, Rohtak

2013
Game Designer, developer and tester in the development of the action and strategy game "Escape" (using C++ and Visual Studio 2010 IDE). Game uses the concepts of artificial intelligence which led the selection of project in to the Indian final sof Microsoft Imagine Cup 2014.

2012
Developed a classic 2D Snake Game in C++ using Turbo C++E
Developed two player Chess Game using Java SE Development kit 6