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Kolkata, West Bengal, India

Amarnath Kr Sharma
Software Engineer

SUMMARY

4 years experienced enterprising software engineering professional with a strong background in **designing, implementing, and installing software solutions**. Skilled in developing high-quality software designs and **architecture**, brainstorming and creating tools and applications, and **automating tasks through scripting**. Proven ability to successfully execute multiple big-ticket projects within the stipulated time while ensuring **100% client satisfaction**. Proficient in software development, testing, interface designing, distributed computing, and cross-vertical team leadership. Experienced in **mobile-based application development, supply chain management**, unit testing, data organization and management, **coding, troubleshooting, and architecture design.**

KEY SKILLS

• **Software Development & Testing • Interface Designing • Data Analytics • Distributed Computing • Mobile-based Application Development • Supply Chain Management • Unit Testing• Coding & Troubleshooting • Architecture Design •Microservices• Kafka• Spring Boot• REST• Jenkins• GitHub• API Gateway• REST API• Rabbit MQ • AWS**

TECHNICAL SKILLS

Programming Languages: Java/J2EE platform, Java 8
Web Design: HTML5, CSS, JavaScript, JSP, Servlets
Database: Oracle, My SQL 8.0, IBM DB2 11.5
Web/Application Servers: Tomcat 8+,
Server Tools: Git, Docker
Framework: Angular 7+, Spring boot, Spring security 6 , Spring Batch
Architecture : Microservice, Monolithic
Debug Tools: Grafana Loki, Prometheus Log Monitoring

EDUCATION

PG Diploma in Software Development
IIIT Bangalore & upGrad

Jun '20 - Jun '22
Bengaluru, IN

- **Course modules:**
  - Fundamentals of Programming Language | Basic Data Structures (Java) | Abstraction and Encapsulation
  - Inheritance and Polymorphism | Arrays, ArrayLists, Environment Set up | Design and Prototyping
  - Integration and Testing | SDLC and Agile Methodology | Algorithm Analysis + Recursion
  - Stacks & Queues | Advanced JavaScript | Web development frameworks (React) | DevOps | MVC Architecture

B.TECH. in Computer Science
Kolhan university

May '16 - May '20
JHARKHAND, IN

KEY DEVELOPMENT PROJECTS

- **Domain: Automobile| supply chain management | Tech Stack: SpringBoot 3.1, MVC4, SQL | Dec 23 '**
  - Developed a web application to manage customer data, complaint/requirement logs, login facility, AMC records, etc.
  - Added features to automatically generate AMC Bills with customer's ID & accomplished AMC Collations, MIS reports, etc.
- **Domain: JavaScript | Web: HTML, CSS, Java | Jun '20**
  - Wrote, modified, and debugged software for clients
  - Developed code to complete the assigned project by the deadline
  - Developed HTML, CSS, JavaScript, and JSP pages for user interaction

PROFESSIONAL EXPERIENCE

Software Engineer
Tata Consultancy Services:

Jan '22 - Present
Kolkata, IN

Client: Stellantis
- Skilled in utilizing Jira as a powerful **project management tool** to ensure streamlined project execution and effective coordination

Software Design & Installation

- **Designing, developing & installing software** solutions and developing **high-quality** software design and architecture
- Providing solutions by determining and **designing system specifications, standards,** and **programming** via J2EE
- **Collaborated** with agents and peers throughout the entire **software development life cycle (SDLC)** to ensure timely delivery of release cycles.

Application Development & Coding
- Assisting in **developing flowcharts, layouts, diagrams**, code comments, and clear code and documenting the same for the seniors
- Creating tools and **5+ applications** by producing clean & efficient code and supervising **code testing** & debugging

Stakeholder Management & System Improvement
- Collaborated with vendors and cross-functional teams to **enhance products** and streamline processes through effective use of **tools and scripting**
- Documenting development phases & **monitoring systems** and ensuring software is up-to-date with the latest technologies

Operations Management
- Determining operational feasibility & proposing solutions by **assessing analysis,** problem definition, requirements, etc.
- Improving **operations by 17%** by conducting systems analysis and recommending changes in policies & procedures

Software Engineering   Jul '20 - Jan '22

BN CIVITECH PVT LTD.   Jamshedpur, IN

- Implemented a new C# class library for the **SQL Server database** access layer
- Designed and implemented **Angular web application**, streamlined high-server traffic resource configuration and allocation
- Assisted in designing the **internal website** for agents and management during the entire **SDLC process**

CERTIFICATIONS

- Microsoft Certified: Azure Developer Associate

ADDITIONAL INFORMATION

- **Languages:** Hindi (Native), English (Professional)
- **Interests:** Reading, Cycling and Surfing