**ABHISHEK PRATAP SINGH**

**abhishekssiin@gmail.com | +917011127266 |** [**LinkedIn**](https://www.linkedin.com/in/abhish1s) **|** [**Portfolio**](https://diveinsidemyportfolio.com/) **|** [**GitHub**](https://github.com/abhish1ss)

**SKILLS**

* **Technical Skills:** Java, Python, C/C++, AWS, Docker, Kubernetes, Shell/Bash, Batch, Unix/Linux (Ubuntu), Windows, Multithreading.
* **Tools:** Git, Jira, GDB.
* **Frameworks:** Spring, Spring Boot.
* **Methodology:** MonoLithic Architecture, Microservices, Agile methodologies.
* **Technical Concepts:** Data Structure & Algorithms (DSA), Object Oriented Programming (OOPS), Rest API, Low Level Design(LLD), High Level Design(HLD).
* **Databases:** MySql,PL/SQL, Oracle 9i, Postgresql.

**EDUCATION**

* **Dr. APJ Abdul Kalam Technical University (July 2015 - Aug 2019)**

*B. Tech in Computer Science and Engineering (93%ile in a university comprising of 400,000+ students)*

* *Digital Logic Design (****Top 1%ile of the class****).*
* *Computer-Based Numerical and Statistical Techniques (****Top 5%ile of the class****).*
* **ST. FRANCIS INTER COLLEGE** **(Apr 2013 - Jun 2014)**
* *Completed Intermediate in Science Stream.*

**PROFESSIONAL EXPERIENCE**

**Senior Software Engineer, Accolite Digital (Oct 2023 – Present)**

**Product Description:** *Kiwiplan provides a comprehensive, integrated suite of powerful products to meet the specific order management and manufacturing requirements of today’s* ***corrugated, folding carton, plastics, and packaging manufacturers.***

* Successfully implemented Fosber Protocol strategies, resulting in a **15% improvement in sheetboard reliability** and a **3% reduction in associated downtime**.
* Achieved a **5% reduction in system downtime** through the successful execution of the full database restoration process for Xmgen, showcasing a commitment to maintaining operational continuity.

**Software Engineer, XORIANT SOLUTIONS PVT. LTD. (Mar 2022 – Oct 2023)**

**Product Description: *Automated Monitoring and Control(AMC)*** *provides a central point of control for production applications, their processes, and their machines. It enables service providers to view:* ***Network assurance, NOC operations, Triage, SLA management.***

* **Designed and Implemented 5+ APIs** to adjust the inflation of telecom price plans for various customer segments, increasing production **team efficiency by 30%.**
* **Collaborated with DBA** to design an efficient database schema, reducing query response times by 40% and ensuring data integrity.
* Enhanced the job logger, leading to a 25% reduction in troubleshooting time and a 20% increase in identifying performance bottlenecks.
* **Efficiently replaced WebFocus with open-source Python**, achieving a cost reduction of 40% and a 30% improvement in report generation speed through our in-house converter solution written with a Lex/Yacc parser.
* **Won 2nd place** in Xoriant’s' Innovation Competition Weinnovation.

**Software Developer, Amdocs Development Center India LLP (May 2021 – Nov 2021)**

**Product Description:*****Ensemble*** *is Amdocs` platform that provides one of the leading customer care, billing and order management solutions for convergent telecom operations. It supports the full-range of* ***fixed-line and mobile services.***

* **Implemented** a data layer buffer overflow fix by increasing the buffer size by **1%, resulting in a 10% increase** in buffer usage.
* **Designed and effectively executed** process layers, data layers, and GDD for multiple enhancements, resulting in a significant performance boost of approximately **30%, enhanced scalability by 25%, and improved reliability with a 20% reduction** in system downtime.

**Software Engineer,** **Cavisson Systems Inc. (Mar 2019 – May 2021)**

**Product Description:*****NetHavoc*** *can change performance engineering and qualitative delivery on a massive scale. Deal with uncertainty before they cause obstacles in real-time. NetHavoc breaks the application infrastructure on purpose to create* ***Chaos*** *in a controlled environment.*

* **Independently** Conceptualized, Developed, and Deployed a **NetHavoc** Product from **Scratch to Deployment.**
* Utilized **C, Shell Script, Batch Script** to build Backend and make sure that all tests coverage is more than 85% using **Ant Framework** Integrated and leveraged **Git for version control.**
* Pioneered **10+ enhancements** to the product, resulting in enhanced performance, increased user-friendliness, and heightened security.
* Conducted comprehensive testing for **NetHavoc**, achieving a **98% coverage** and reducing **critical bugs by 20%**.
* Managed **2 Junior-Level Team Members**

**INTERNSHIPS**

**Trainee, National Informatics Centre, Govt. Of India (June 2018 – July 2018)**

* Oversaw the creation of an Online Cafeteria Management System, increasing meal orders by 50% via the Android app.
* Collaborated seamlessly in cross-functional teams, leading to a 20% improvement in project efficiency and a 15% reduction in project timelines, resulting in successful project outcomes.
* Designed and integrated databases, streamlining data access by 30%, and executed user authentication, reducing login times by 25%.

**CERTIFICATES**

* ***Semi-finalist*** *in* ***TechGig Code Gladiators 2021,*** *a competitive programming event organized by* ***Cognizant.***
* *Achieved the* ***second position*** *at the* ***District Level*** *of the* ***International Mathematics Olympiad.***