

Prabhakar Singh

[GitHub](#) [Linkedin](#)

Software Engineer with 5+ years of experience in Full Stack Java Development.

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EXPERIENCE

- **MSCI (Morgan Stanley Capital International) | Index Engineering** *Software Engineer | June 2022 - Present*
 - **Index Workbench** - Co-developed Index Workbench functionalities, a critical application for MSCI internal users, using GWT, Core Java, and the Spring framework. Utilized Oracle SQL as the database for data storage and retrieval. Collaborated with a development team, gathered requirements, and implemented new features. Optimized performance, resolved critical issues, and delivered projects on time.
 - **Index Bulk Modification** - Contributed to the development of the Index Bulk Modification project from scratch. Utilized Java and the Spring framework as the primary technologies for implementation. Leveraged Hibernate for database interactions and utilized Oracle SQL for data storage and retrieval. Played a key role in designing and structuring the application.
- **TIAA | Institutional — Pune, India** *Software Engineer, Analyst | Jul 2019 - Jun 2022*
 - **Immediate Annuities(Payment Destination)** - Worked on Payment Destination, leveraging Angular as the technology of choice. Developed a user-friendly interface that allowed users to easily select their preferred payment destination. Implemented Continuous Integration and Continuous Deployment (CI/CD) processes to ensure efficient and timely deployment of the application.
 - **End Of Life** - Containerized five 15+ year old Java applications, collaborating with DevOps, Database, Project Management, and other Scrum teams to overcome challenges and ensure successful implementation. Improved scalability, portability, and deployment efficiency.
 - **Cyberark Integration** - Integrated multiple projects with CyberArk, a password management tool, enhancing the overall security of the applications. Implemented the integration and ensured the proper handling and protection of sensitive credentials.
 - **Achievements** - Received accolades and individual awards in town hall meetings for successfully completing the EOL project and CyberArk integration. Recognized for exemplary cross-collaboration efforts and contributions, earning multiple rewards for fostering collaboration among teams.

PROGRAMMING SKILLS

- **Languages:** Java, GWT, Angular (TypeScript), C++, Oracle-SQL, PowerShell, Python (Basics)
- **OO Design:** Solid principles, Design patterns
- **Tools:** STS, VScode, Visual Studio, Git, Github, Microsoft SQL Developer
- **Technologies:** Spring Boot, Docker, Azure DevOps, Jenkins, Electricflow, OpenShift, Microservices
- **Certification:** Machine Learning- CourseEra | Full Stack Development Certificate - Udemy

EDUCATION

- **University of Pune | Army Institute of Technology** *Pune, India*
Bachelor of Engineering in Information Technology; First class *July 2015 – June 2019*
- **Higher Secondary Education** *Jammu and Kashmir, India*
Army Public School; Aggregate: 92% *April 2013 – March 2014*

UNDERGRADUATE PROJECT

- **Credit Card Fraud Detection Classification | Machine Learning**
*Detecting credit card fraud using several machine learning algorithms such as Clustering and Regression. **Accuracy of 82%.***
- **Clean Ganga**
Implemented a IOT method using Raspberry PI to check the pollution level of Ganga.

AWARDS AND ACHIEVEMENTS

- **Scholarship** | Awarded Army Welfare Education Society scholarship | For All Round Curriculum
- **Innovative** | Won 3rd position in MIT, Pune in idea presenting competition
- **Position Of Responsibility** | Served as the Music Secretary in my college
- **Sports** | College team chess player, Represented College in District region. | Member Of College Basketball Team
- **Dramatics** | Won movie making competition leading team of 15