Abhishek Dev

Pune, India | +91 8087852795 | abhishek44dev@outlook.com|Linkedin|**GitHub**

Programming Languages: Python, JavaScript, Java
Technologies: RESTful APIs, React, NextJS, SQL, AWS, Kubernetes, Microservices, Docker.

WORK EXPERIENCE

Senior Software Engineer II at John Deere, Pune (India)   *May 2022-Present*
John Deere is a global leader in agricultural, construction, forestry and turf equipment
- Led full-stack development of CamTracker (**React**, **Python/RESTful APIs**, **Kubernetes**) for real-time monitoring of 312 cameras across assembly lines, supporting 100-200 daily users. Employed efficient data structures and algorithms for data processing, resulting in $116K annual savings through reduced rework and downtime.
- Spearheaded ShopTalk development (**NextJS**, **Python**, **SQL**, **Databricks**) enabling 300-400 operators to track support requests. Designed and implemented email notifications, reminders, and escalation levels, leveraging appropriate data structures for efficient management, leading to $360K annual cost savings. Re-worked the application's API to conform to REST patterns, enforced TDD with 90% coverage
- Contributed to code reviews, mentoring junior developers, and fostering a culture of high standards

Software Engineer at Infosys, Pune (India)   *Aug 2020 - May 2022*
Worked on a major project for LexisNexis, a leading global provider of legal, regulatory, and business information and analytics.
- Contributed to the development of an end-to-end document processing workflow for LexisNexis using **Python** and **Django Rest Framework**, significantly reducing the document publishing cycle time by 50%.
- Automated document parsing and processing tasks utilizing web scraping techniques and Shell Scripting within an **AWS** environment, resulting in an estimated 40% reduction in manual data entry and a significant decrease in operational costs.

Junior Software Engineer at Infosys, Pune (India)   *May 2018 - Aug 2020*
Lex Learning
- Developed automated testing scripts using JUnit, which improved test coverage by 25% **(Java)**
- Worked on integrating third-party APIs and libraries to extend product functionality and enhance UX.
- Collaborated with senior engineers to troubleshoot and debug complex software issues, ensuring smooth product launches.

EDUCATION

BE*, Computer Engineering, University of Pune (India)*   *June 2013 - May 2017*
Graduated with First Class

LEADERSHIP & AWARDS

- **John Deere Rewards & Recognition - Wow! Award:** Recognized for a project for notable contribution in FPY Audit tool for GX Factory.
- **Team Leader, Infosys Hackathon 2021:** Led a team of 4 engineers to 2nd place out of 35 teams.

ADDITIONAL SKILLS & INTERESTS

- **Databases**: PostgreSQL 9.2, MongoDB
- **Frameworks**: React, NextJS, FastAPI, Django Rest Framework,
- **Operating Systems**: Linux based, Ubuntu, Windows
- **Cloud Technologies:** Azure Cloud Family, AWS Cloud Family
- **Tools:** Microsoft Office, Jira.
- **Interests:** Artificial Intelligence, Machine Learning, Open-Source projects