

# KSHITIJ HALANKAR

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<https://www.linkedin.com/in/kshitij-halankar> • <https://github.com/kshitij-halankar>

## SUMMARY OF QUALIFICATIONS

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- Software Engineer with 4+ years of experience in web application and software development
- Increased application performance by 30% by securely designing, implementing, testing, and documenting APIs
- Delivered 30+ enhancements and 75+ defect fixes across 4 product releases
- Resolved several bugs for live customers affecting 15000+ devices

## TECHNICAL SKILLS

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- **Programming Languages:** Java, C#, Angular, TypeScript, JavaScript, Python, SQL, React, SCSS
- **Database Systems:** SQL Server, Oracle, MongoDB
- **Tools & Technologies:** Servlet, RESTEasy, OData, Node JS, NPM, RxJS, REST API, Hibernate, JDBC, J2EE, RMI, Maven, Gradle, ANT, Nginx, SAP, JSON, Activiti, JBPM, SAML, SSO, LDAP, OAuth, ACF, OWASP, Azure ADFS, Git, JIRA, Jenkins, karma, Sonar Cube
- **Operating Systems:** Windows, Linux RHEL and SUSE, Ubuntu, CentOS, Android

## EDUCATION

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### Master of Applied Computing

Jan 2022 – Aug 2023

University of Windsor, Windsor, ON, Canada

- Received Acknowledgement from Golden Key International Honor Society for Outstanding Academic Achievements

### Bachelor of Engineering in Information Technology

Aug 2014 – May 2017

University of Mumbai, Mumbai, India

- Awarded Project of the Year from Department of Information Technology for Final Year Project
- Received Certificate of Academic Excellence for maintaining excellent academic performance

## WORK EXPERIENCE

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### Full Stack Software Developer Intern (SOTI, Mississauga, ON, Canada)

Jan 2023 – Present

- Performed Proof of concept for custom map system using ArcGIS to locate, track, draw geofence, and show location history of 10000+ live mobile devices
- Developed customized components, templates, modules, services, and styles for Resource Permissions and Access Management using Angular and added unit tests for components
- Worked on several feature improvements and involved in integration between products and services to provide one-to-many relationships with the product and service instances
- Increased log accuracy by identifying and fixing log message bug affecting 300+ exception messages by introducing new log framework for business exceptions
- Improved team efficiency in handling customer issue by conducting customer cases meeting and resolving critical customer issues

### Senior Software Engineer (Vistaar Technologies, Mumbai, India)

Jul 2020 – Nov 2021

- Increased performance and efficiency of web applications by 30% by refactoring programs and scripts and performing code reviews
- Introduced enhancements in custom query language by adding 4 arithmetic expressions, 5 logical operators, and support for complex and nested queries by planning, designing, and constructing JSON query schema using Hibernate

## KSHITIJ HALANKAR

- Improved overall API response time by 20% by debugging, diagnosing delays, and resolving defects in RESTful product APIs
- Enhanced security and robustness of web applications by conducting security vulnerability assessments, identifying and resolving potential security vulnerabilities
- Integrated several new technologies such as SAML 2.0, OAuth, OData, and Activiti by analyzing feasibility and evaluating product compatibility

**Software Engineer** (Vistaar Technologies, Mumbai, India)

Jul 2017 – Jun 2020

- Delivered error free product releases by implementing enhancements, resolving defects, and deploying and testing combinations of builds on dev setups
- Prevented stale session and sensitive session cookie exposure by adding session replication in IDP authentication
- Improved application efficiency and robustness by modifying designs of API flows and refactoring code base
- Modeled 50+ customized product entities and workflows for solution features and APIs
- Reduced build deployment and delivery time by building automation suites and scripts for daily deployment, sanity, dependency upgrades and security evaluation

## PROJECTS

**MigratorExt** (<https://github.com/kshitij-halankar/MigratorExt>)

May 2022 – Jul 2022

Advanced Database Topics, University of Windsor, Windsor, ON

- Implemented a database migration utility in Java supporting 2 database migrations and 6 data conversions
- Simplified migration process by introducing a customizable JSON metadata file containing migration details such as data source and attribute mappings
- Provided support for 8 data migrations including Oracle and MongoDB databases and data sources containing CSV, JSON, and XML file formats
- Achieved migration of 10000+ records in less than a second by modifying migration algorithm

**Zomaze** (<https://github.com/kshitij-halankar/Zomaze>)

Jan 2022 - Apr 2022

Advanced Software Engineering, University of Windsor

- Developed a Metaverse puzzle escape game having 20 features in C# and Unity by applying advanced software engineering principles with Scrum methodology
- Produced a 3D Augmented reality game with 5 varying difficulty levels by executing all phases of software development life cycle in agile environment
- Supervised team of 8 members and delivered 4 sprint releases on time by creating and delegating tasks equally
- Increased team productivity and collaboration by 50% by integrating JIRA with Git for simultaneous development

## PUBLICATIONS

- Securing Automated Office Using Advanced Security Methodologies  
(*International Journal of Advance Research and Innovative Ideas in Education, Volume 3 Issue 2*)  
<https://ijariie.com/FormDetails.aspx?MenuScriptId=3589> Apr 2017
- Advanced Security Methodologies in IoT based Automated Office  
(*International Journal on Recent and Innovation Trends in Computing and Communication, Volume 4 Issue 11*)  
<https://ijritcc.org/index.php/ijritcc/article/view/2613> Nov 2016

## CERTIFICATIONS AND TRAINING

- **Full Stack Web Developer**, LinkedIn Learning Jul 2023
- **Career Essentials in Software Development**, Microsoft Jul 2023
- **Agile Software Development**, LinkedIn Learning Jun 2023