



Asad Khan

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Summary	I am a Software Quality Assurance Engineer with several years of test experience and intermediate level skills in the field. Possess strong technical, project management, communication, and analytical skills. I can define and author robust test cases, automated scripts, test plans and reports. I have a solid understanding of defect tracking, triaging and classification as they are discovered. I am able to define problems, collect data, establish facts, and draw valid conclusions. I am committed to ensuring comprehensive testing is performed to assure the quality of an application's usability, functionality, security, and performance. I am open to combining my professional experience with my areas of interest in cloud and platform engineering provided a suitable opportunity presents itself.
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Experience	<div><div>Philips Healthcare</div><div>Software Quality Assurance Engineer</div><div>https://www.usa.philips.com/healthcare</div><div><ul style="list-style-type: none">Creating and executing test cases for new product features as well as performing regression testing against existing features.Testing application functionality to ensure that systems and applications meet user requirements, work as intended and operate within quality management limits and standards.Document test plans, optimize test suites and create test summary reports.Perform unit, system, integration and performance tests as well as data migration for major and minor product releases.Document and communicate issues identified during testing activities to development teams and assist with defect triaging and resolution.Identify and recommend process/application improvements to management.</div></div> <div><div>Nov 2015 - Current</div><div>Cambridge, MA</div></div>
	<div><div>ZOLL Medical Corporation</div><div>Design Quality Assurance Engineer</div><div>https://www.zoll.com/</div><div><ul style="list-style-type: none">Support various testing activities, test planning, project estimation and scheduling, resource planning, training, and oversight, test development, test execution, defect management, daily/weekly status reporting, and project closure.Contribute to SQA metrics such as requirements coverage, test case readiness, test execution progress and defect count statistics in test management tool.Attending project status meetings and provide SQA status, work with PM to define SQA tasks and estimates for the project schedule.Ensure comprehensive testing for product usability, functionality, security and performance.</div></div> <div><div>July 2012 - Nov 2015</div><div>Chelmsford, MA</div></div>

Education	<div><div>University of Ottawa</div><div>Biomedical Engineering</div><div>8.0 out of 10.0</div><div>https://www.uottawa.ca/en</div><div>Thesis project on advanced optical biosensors for early detection of Leukemia and Lung Cancer.</div></div> <div><div>2009 - 2012</div><div>Masters</div></div>
	<div><div>Algonquin College</div><div>Photonics Engineering</div><div>8.8 out of 10.0</div><div>https://www.algonquincollege.com/</div><div>Studied advanced optical and electro-optical concepts as well as applications in the field of bio-chemistry, telecommunication and various other fields.</div></div> <div><div>2005 - 2009</div><div>Bachelors</div></div>

Projects	<div><div>Online Tool Aggregator</div><div>A website to collect various productivity and A.I. tools</div><div>https://toolsnirvana.com</div></div>
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Skills	<div><div>Web application fundamentals</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>HTML, CSS, JS, Node, MongoDB, Firebase, SQL</div></div> <div><div>SDLC phases in Agile and Waterfall Environments</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div></div> <div><div>Defining , deploying and executing test plans</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div></div> <div><div>Test Management Tools</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>MTM, IBM Rational DOORS</div></div> <div><div>Familiarity with Bug Reporting Systems</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>Jira, Azure Boards, Microsoft TFS</div></div> <div><div>Cross functional work experience</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>DevOps, Development, UI/UX, Automation</div></div> <div><div>Low Code / No Code Testing Systems</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>Provar, Copado, Selenium</div></div>
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Interests	<div><div>Learning new technologies</div><div>DevOps, Platform Engineering, No Code App Builders, Blockchain, Cloud</div></div>
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Certifications	<div><div>Google Data Analytics Professional Certificate</div><div>Google</div><div>2022</div></div> <div><div>Provar Essentials</div><div>Provar</div><div>2022</div></div> <div><div>CTFL</div><div>ASTQB</div><div>2016</div></div>
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Publications	<div><div>Mach-Zehnder refractometric sensor using long-range surface plasmon waveguide</div><div>Applied Physics Letters</div></div> <div><div>Sensing of bacteria immobilized under static conditions using long-range surface plasmon waveguides in CYTOP</div><div>SPIE</div></div> <div><div>Characterization of Biosensing waveguides on CYTOP</div><div>SPIE</div></div> <div><div>Co-author on: Fabrication of surface plasmon waveguides and integrated components on CYTOP</div><div>Microelectronic Engineering (Elsevier)</div></div>
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Languages	<div><div>English</div><div>Spoken, Written, Comprehension</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div></div> <div><div>Urdu</div><div>Spoken, Written, Comprehension</div><div><div><div></div><div></div><div></div><div></div><div></div></div></div></div>
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