

SHUBHAM UJINWAL

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Profile Summary

- Strategic and self-confident, working as a lab technologist who analyzes complex problems and identify actionable processes.
 - Experience in application development and testing in various platforms and technologies: Java, React Native, .Net and databases (MySQL and NoSQL).
 - Focused has been on deep learning in AWS Solutions Architect, MERN Stack Architecture and networking through online courses.
 - Familiarity with modern development approaches like Agile/Scrum.
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Education

Computer Engineering Technology – Computing Science

January 2017 - April 2020

Algonquin College, Ottawa, ON

GPA: 3.52/4.00

Technical Skills

- **Programming Languages:** Java SE, Java EE, JavaScript, COBOL, Python, C++, Android, and C#.
 - **Web-Programming:** HTML, CSS, AJAX, Razor.
 - **Frameworks:** React, React Native, Django, .NET MVC, Bootstrap.
 - **Database:** PostgreSQL, MongoDB, MariaDB, SQLite.
 - **Networking:** OSI Networking Model, Routing, Subnetting, TCP/IP, Wireshark, Cisco Packet Tracer, Multi-Protocol Label Switching.
 - **Cloud Computing:** AWS, Microsoft Azure.
 - **Version Control System:** GitHub.
 - **Scripting:** Bash (Linux), PHP.
 - **Software used:** JIRA, Docker, Robo3t, Postman.
 - **Server:** MS-SQL Server, GlassFish5.
 - **Operating Systems:** Windows 10, Ubuntu, UNIX.
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Professional Experience

Learning Services Lab Technologist Co-op

September 2019 - Present

Nokia - Ottawa, ON

- Developing and enabling security settings on Windows 10 using Group Policies Object (GPO) in Active Directory.
- Troubleshooting and resolving software and network issues escalating from customer support and others department.
- Providing technical support to customers and employees for network infrastructure and internal desktop systems software and hardware.
- Setting up and managing DHCP server in Linux operating system.

- Developing technical report for Learning Services team on weekly basis.

Projects

PopTikr

January 2020 – April 2020

- **Technology used:** MERN Stack Architecture, Expo, Firebase, Postman, NodeJS, CSS, JavaScript, React Native, Express, Mongoose, MongoDB, SendGrid and VS code.
- Implemented an email and a 6-digit verification code system in Forgot Password page to ensure security using SendGrid tool.
- Led Backend to save the user information by using NodeJS, Express, mongoose and MongoDB.
- Designed and developed Login, Signup and Forgot Password pages and Integrated with the backend platform.
- Fixed bugs and enhanced the quality of code by implementing Agile Methodology.

BLOG ENGINE

February 2019 – April 2019

- **Technology used:** HTML, CSS, AJAX, Razor, .NET MVC, Bootstrap, VS 2015, Azure, C#.
- Created a Blog Engine where user can create profile and post their blogs by using ASP.NET MVC Core Architecture.
- Implemented .NET security features such as Authentication and Authorization of user accounts.
- Deployed Microsoft Azure for database and Storage Accounts.
- Link: <https://github.com/ShubhamUjinwal/BlogEngine>

SPRITE GAME WEB APPLICATION

January 2019 – April 2019

- **Technology used:** Java SE, Java EE, HTML, Eclipse, NetBeans, GlassFish5, MariaDB.
- The Architecture of this application is like an Address Book example JavaEE projects in Glassfish5 server.
- Implemented manipulation of Sprites through JSF (Java Server Faces), including changing color.
- RESTful interface to support future mobile client.
- Implemented AJAX capability (we do not need to reload the page to send or to validate the data) to appropriate input fields on JSF pages.
- Link: <https://github.com/ShubhamUjinwal/Sprite-Game-Web-Application>

COMPILER

September 2018 – December 2018

- **Technology used:** GNC compiler, C language, VS 2015.
- Written a Compiler named "Platypus" using C language.
- Buffer: Read output file and store its characters into dynamically allocated array.
- Scanner: Built a lexical Analyzer that produces a stream of tokens from stream of characters which is already loaded into Buffer.
- Parser: Wrote a Recursive Descent Predictive Parser (RDPP) by eliminating left recursion and apply left factoring to convert LR grammar to LL grammar.
- Link: <https://github.com/ShubhamUjinwal/Compiler>

Certificates and Online Training

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| • AWS Certified Solutions Architect – Associate (Issued by Udemy). | December 2019 |
| • Python for Everybody Specialization (Issued by Coursera). | January 2020 |
| • Backend REST API with Python & Django – Advanced (From Udemy). | On going |
| • MERN Stack JavaScript Developer (From LinkedIn learning). | On going |