KARANDEEP BHARDWAJ

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Technical Skills

Frontend Languages: React, HTML5, CSS3, JavaFX
Backend Languages: Java, Python 3, JavaScript (ES6), SQL, Junit, Django

Libraries: NLTK, Matplotlib, NumPy, Seaborn, Pandas
Tools: AWS, Git, Docker, Tableau

Education

Concordia University   Montreal, QC
Master of Science – Applied Computer Science   Jan 2019 – Present
- Course Work - Advanced Programming, Artificial Intelligence, Algorithm Design Techniques, Advanced Software Architecture, Distributed Systems.

Chandigarh Engineering College   Chandigarh, IN
Bachelor of Technology - Computer Science   Aug 2013 – Aug 2017

Work Experience

BidGala.com   Montreal, QC
SOFTWARE ENGINEER   Sept 2020 – Present
Web app development
- <u>Deployment of chat feature</u>: Developed chat feature using web socket and channels bringing more traffic, providing customer service and increased conversions among buyers and sellers.   **Python, AWS, Django, JavaScript**
- <u>Multifeatured forum implementation</u>: Implemented Forum increasing fresh content and customer engagement by bringing 25% new customers after launch.   **Django, JavaScript, HTML, CSS**

Concordia University   Montreal, QC
GRADUATE TEACHING ASSISTANT   Jan 2020 – Aug 2020
Software Comprehension and Maintenance
- Guided students through the fundamentals of programming and web development.   **Java, Project Maintenance**
- Instructed concepts of software visualization, reverse engineering, static and dynamic source code analysis.

Unisys Pvt Ltd.   Bangalore, India
SYSTEMS ENGINEER   Jan 2017 – Aug 2018
Website Development
- <u>Deployment of GUI and speed improvements</u>: Implemented a user interface for health insurance company using Umbraco, resulting in increased efficiency in information finding and editing by 60%.   **JavaScript, Umbracco**
- <u>Authentication methods improvement</u>: Enhanced functioning of authentication methods like password authentication and two-factor authentication for seamless integration with different products reducing manual and time efforts by 25%.   **OAuth, SSO**
- Link to project: https://wpshealth.com/

Cloud Infrastructure services
- Online Ticketing tool Migration: Migrated legacy ITSM from self-managed to Service now, used (SaaS) solution model resulted in reduction to operational costs significantly.   **BMC Remedy, ServiceNow**
- Deployed user requirements in tool: Collaborated with Automation and tools team in deploying client requirements in service now resulting in improved visibility into services performance and availability.   **JavaScript**

Projects

Distributed Library Management System
- Developed a highly available, distributed, failure tolerant system. Implemented passive process replication, a reliable UDP for intra-server communication.   **Java, Client Server, UDP, Multithreading GITHUB**
Battleship Game
- Battleship game developed in Java to demonstrate understating of software architecture and design patterns implementing MVVM architecture.   **Java, JavaFx, FireBase GITHUB**
Alien Invasion Game
- Developed a single player application in python using pygame with unbeatable score of 5.   **Python3 | PyGame GITHUB**

Certifications

AWS Solutions Architect Associate	AWS	In progress
Data Analyst Nano Degree	Udacity	Jun 2020
Core JAVA	SPIC	Jan 2015